Oil, Paint and Drug Reporter

THE CHEMICAL MARKET AUTHORITY

SINCE 1871

Volume 137
Number 14

April 1, 1940

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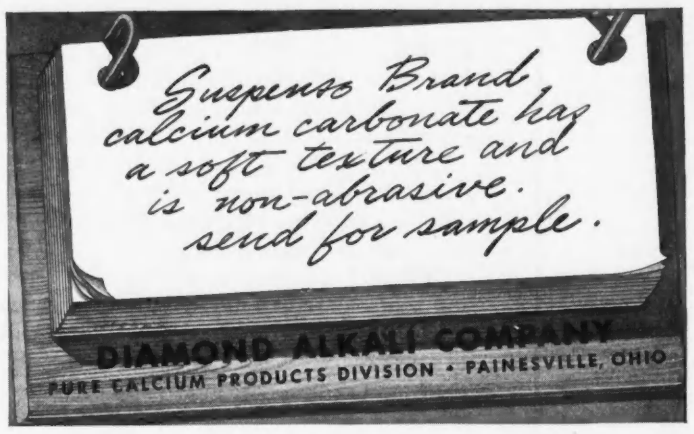
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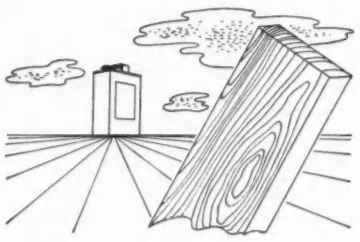

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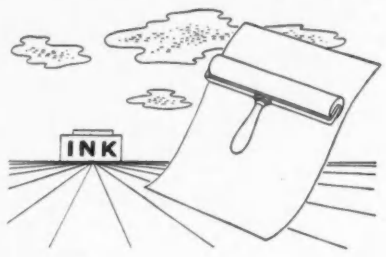

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Oil, Paint and Drug Reporter

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Chemical Workers Remain Unchanged

Employment Same as in Feb. Payrolls Show Slight Gain Both Above 1939 Figures

Employment in factories engaged in the manufacture of chemicals and related products in the United States showed no change from January 15 to February 15, according to the Bureau of Labor Statistics. At the end of the monthly period employment was 6.7 percent above the corresponding level of 1939. Payrolls showed a gain of 0.2 percent from January 15 to February 15, and stood 10.4 percent above the corresponding level for 1939.

The Bureau of Labor Statistics index number for factory employment in the chemical group of industries February 15 was 121.0 (100 equals 1923-25 average), compared with 121.0 for January 15 and 113.4 for February last year. For payroll totals the index number was 131.3 (same basis), compared with 131.0 for January and 118.9 for February last year.

The bureau's general index numbers for all manfacturing industries February 15 showed the following comparisons:—

	Feb. 1940	Jan. 1940	Feb. 1939
Employment	101.4	101.5	93.6
Payroll totals	97.8	98.3	86.0

Employment in the chemical group of industries was 33.3 percent above the average for all industries. Payroll totals were 61.7 percent above the general average for all industries.

Detailed Comparisons

Employment

(100=1923-25 average)

	Feb. 1940	Jan. 1940	Feb. 1939
Chemicals	135.2	135.8	118.1
Cottonseed oil, cake and meal	101.4	103.2	98.1
Druggists' preparations	119.5	118.5	108.9
Explosives	105.5	103.5	84.3
Fertilizers	109.4	105.1	107.1
Paint and varnishes	123.3	123.5	117.2
Petroleum, refined	120.8	121.6	117.5
Rayon and allied products	313.3	313.5	305.9
Soap	84.4	83.5	79.9

—Continued on page 31

Fair Trade Bill Approved for D.C.

OPD Washington Bureau
March 29, 1940

The senate district committee favorably reported the District of Columbia fair trade bill. The bill has already passed the house and Senator Tydings hopes to get action early, although Chairman King opposes it.

N.Y. Loss Leader Bill Gets Trade Support

The New York State Council of Retail and Wholesale Trades is reported by Eric Calamia, to be united in support of the Esquirol loss leader bill in the State senate as that measure has been amended.

This bill, introduced as No. 200, has been variously amended. In its present form (S. 2487) it is said to meet the views of the members of the trades council previously opposed to some of its provisions. In particular the modifications accepted define a wholesaler's costs as the invoice or replacement cost to the dealer without any markup. Retailers' cost includes a markup for the cost of doing business. This is set at 6 percent of the invoice or replacement cost of the goods, but a lower markup will be permitted if proved.

Because the assembly recently rejected the companion Parsons bill, favorable action on the revised Esquirol measure is not expected at the present session.

Flavor Makers to Meet In Chicago June 24-26

The Flavoring Extract Manufacturers Association will hold its annual meeting in the Drake hotel, Chicago, June 24-26. The program of the convention will be built largely around further interpretation of the Federal food, drug and cosmetic act. E. H. Brenlinger, of the Dill Company, Norristown, Pa., is secretary of the association.

Color Manufacturers Ask Exemption for Dilutions

OPD Washington Bureau
March 28, 1940

Four food color manufacturers have filed a petition with the Department of Agriculture asking that the Food and Drug Administration call a hearing for the purpose of considering amendments to the coaltar color regulations to exempt from certification requirements diluted colors containing no more than 12 percent of pure certified dyes.

The petition was filed by the National Aniline & Chemical Company, he Bates Chemical Company, the William J. Stange Company, and the Warner - Jenkinson Manufacturing Company. The food, drug, and cosmetic act requires that a hearing of this nature be held on application of a substantial portion of an interested industry, and the petition is now being considered by the department solicitor to determine whether the secretary has authority to make the requested regulation even if facts adduced at the hearing showed it to be justified. Section 406 (b) of the act directs the secretary to promulgate regulations providing for the listing of coaltar colors "and for the certification of batches of such colors with or without harmless diluents".

It is the position of manufacturers of food and beverage colors that a mixture consisting of only a certified concentrated dye and harmless diluents should not have to be recertified, provided it is properly labeled. To date, officials of the Food and Drug Administration have taken the position that all such mixtures and diluted colors must be recertified, and some of them are of the opinion that the law so requires and that the secretary would have no power to waive the requirement for recertification.

Another coaltar color—D&C red No. 38—has been approved by the Department of Agriculture for use in drugs and cosmetics. This color has been known as "deep red" and "maroon." Its approval is announced in regulations further amending those published May 9, 1939, on the listing and certification of coaltar colors.

The new regulations also permit the use of one-tenth of 1 percent of benzoate of soda as a preservative in liquid coaltar color mixtures. The changes in the regulations will also permit the use in Easter egg dyes of certain aluminum lake colors in combination with harmless, non-nutritive diluents.

The labeling requirements with respect to household colors have been simplified; a sliding scale of fees, designed to lessen the expense of certification for manufacturers of small batches, has been placed in effect; and certification will be permitted on the basis of the submission of a smaller sample.

These amendments appear in full in the *Federal Register* of March 23, which can be obtained from the Superintendent of Documents, Government Printing Office, Washington, at 10 cents a copy.

F.T.C. Still Ponders Drug Ad Warnings

OPD Washington Bureau
March 28, 1940

The Federal Trade Commission has not yet reached any decisions regarding the application of the Wheeler-Lea law to the advertising of drug products, and apparently there is considerable diversity of opinion among the commission's staff members as to the line of policy which should be pursued.

No regulations or official announcements are to be expected, and to date there is not a sufficient body of complaints to indicate the prevailing attitude of the five commissioners toward drug advertising copy except in the cases of the more flagrant and obvious types of violation of the "truth in advertising" law.

Under immediate consideration is the question of requiring through stipulations and formal complaints that drug advertising include warning statements similar to those required on the labels of certain drugs by the food, drug, and cosmetic act. Some members of the commission's staff appear to feel that, if directions for use and warnings against misuse are necessary on labels, they are equally necessary in advertising; while others are of the opinion that the label will be read as a matter of course and that such warnings in advertising would serve no useful purpose and would be an unwarranted restriction on advertising and on the sale of useful products.

An opinion which may come to be accepted by the commission is that advertising should include warnings that would keep a person from buying a product which he could not use after reading the label, but that other types of warnings need not be included in advertising. For example, if a product should not be

—Continued on page 49

Fire-Extinguisher Price Control Banned

OPD Washington Bureau
March 25, 1940

License agreements based on patents and imposing minimum prices and terms of sale have been found illegal by the Federal Trade Commission in respect of the practices of five manufacturers, assemblers, and distributors of firefighting equipment. On this finding the commission has ordered Walter Kidde & Co., New York; American La France & Foamite Industries, Inc., Elmira, N. Y.; the C-O-Two Fire Equipment Company, Newark, N. J.; National Foam System, Inc., Philadelphia; and the Fryout Company, New York, to cease and desist from practices which result in price-fixing in violation of the Clayton act.

As a part of the basis of its findings the commission declares that the five concerns, pursuant to the uniform price agreement, submitted identical bids on firefighting equipment, parts, and accessories in response to invitations from the Navy Department and other governmental agencies.

Ethyl Gasoline Corporation Held Guilty of Price-Fixing

OPD Washington Bureau
March 25, 1940

The jobber licensing system of the Ethyl Gasoline Corporation was held invalid by the Supreme Court of the United States today in an opinion which draws a definite demarcation between the legal scope of a patent monopoly and an illegal extension of this monopoly to matters not within the grant of the patent. Observers believe this decision will speed the announced plans of the Department of Justice to bring antitrust law suits against alleged restraint of trade through patent licensing in other lines of business.

The supreme court upheld the New York Federal court in enjoining continuance of the jobber license system as a violation of the Sherman antitrust act. The decision does not affect the ethyl gasoline patents nor licenses to refiners except that hereafter refiners may sell gasoline treated with tetraethyl lead fluid to any purchasers.

Price-Fixing Changed

Stipulated facts were that the Ethyl Gasoline Corporation licensed most major refiners in the country to use ethyl fluid in treating gasoline and stipulated that sales could be made only through company-owned stations or licensed jobbers. Jobber licenses were conditioned, in part, on maintenance of "business ethics," and jobbers were policed by the corporation's agents.

The government contended that the chief use of the jobber license system was to prevent jobbers from cutting

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Patent Rights and Price Control

Opinion of Supreme Court of the United States in Ethyl Gasoline Corporation Case

The government brought this suit in the District Court for Southern New York, to restrain appellant, Ethyl Gasoline Corporation, a Delaware corporation, and the other appellants, who are its officers, from granting licenses, under patents controlled by it, to jobbers to sell and distribute lead-treated motor fuel, and from enforcing provisions in licenses to oil refiners which restrict their sale of the motor fuel to the licensed jobbers, as violations of the Sherman antitrust act. 26 Stat. 209, 15 U. S. C. sec. 1, as amended August 17, 1937, 50 Stat. 693. The trial court granted the relief sought and from its decision in favor of the government the case comes here on direct appeal under the provisions of sec. 2 of the expediting act of February 11, 1903, as amended 36 Stat. 1167, 15 U. S. C. sec. 29; sec. 238 of the judicial code, as amended 43 Stat. 938, 28 U. S. C. sec. 345.

The case was tried on an agreed statement of facts which was incorporated in the findings of the trial court and, except as noted, there is no dispute as to the facts. The appellant corporation is engaged in the manufacture and sale of a patented fluid compound containing tetraethyl lead, a poisonous

—Continued on page 37

Closing Markets

London Closing Cable

LONDON, March 29, 1940

Quotations on beeswax were 170s. per hundredweight.

Casein Market Reports Conflict

The status of the market for domestic casein was clouded late last week. Several prominent producers felt the material was firming in price and stated sales were being made at the previous level of 10c. to 11c. per pound for the 20-30 mesh material. Other leading factors, however, averred the market was no higher than 10c. to 10½c. per pound, and there were reports that a considerable quantity had been disposed of at 9¾c. per pound.

Foreign Trade Rules

Information recently published by the Department of Commerce on foreign tariff and related trade regulations include the following:—

Acetic Acid: — A new regulation governing trade in acetic acid in Germany has been established. This regulation defines the permissible chemical composition of acetic acid, and establishing requirements for the packaging and labeling of the commodity.

Agricultural Chemicals:—The Colombian government has authorized the Section of Agricultural Supply of the Agricultural, Industrial and Mining Credit Bank to buy and sell equipment and supplies to facilitate campaigns for the sanitation of plant life. Among the equipment authorized are spraying apparatus, pumps, motors, chemicals, tanks, tractors, protective paper and coverings.

Fertilizers:—Eire has established an import quota of 18,000 tons of artificial fertilizer. The quota date expires October 31, 1940.

Calcium Phosphate:—A special export surtax of 8 francs per ton has been established in Tunisia on lime phosphate.

Sales, Market Research Problems to Be Discussed

Problems in dealing with sales personnel, methods of market research, and the use of sales presentations are among the topics that will feature discussion at the American Management Association's marketing conference, to be held April 24-25, in the Hotel Roosevelt, this city.

A large part of the conference will be devoted to a discussion of sales personnel problems, such as the selection, training and compensation of salesmen. Among the papers devoted to this subject will be:—"Problems of Sales Personnel," by E. O. Shreve, of the General Electric Company; "Procedures in Selection of Salesmen," by W. A. Sredenschek, also of the General Electric Company; "Sales Training Programs," by G. C. Denebrink, of the Armstrong Cork Company, and

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Minn. Chain Store Tax Upheld by Highest Court

OPD Washington Bureau
March 26, 1940

The former Minnesota law imposing a graduated gross sales tax on chain stores was held by the Supreme Court of the United States to be valid insofar as the Federal constitution is concerned, in a decision given yesterday. The case was, however, remanded to the State supreme court which had ruled that the law was invalid, the majority of the Federal supreme court being in doubt whether the State court's ruling was based on the Federal or the State constitution.

The supreme court vacated the invalidation of the tax by the State court; although a minority of three justices dissented on the grounds that the Federal court was without jurisdiction because the State court's decision had been based on the Minnesota constitution.

The law was repealed in 1937, and the action had to do with past taxes protested by the National Tea Company and Allied Stores Corporation.

Chemical Price Trend Downward

Although a few higher quotations were applied for the second quarter, the pronounced trend of prices in the markets for heavy and fine chemicals was downward last week. Nonferrous metals were prominent in this trend; corn derivatives were sent the other way.

Moderate gains in buying activity were noticeable in places, but the general situation was unchanged. Inventory burdens were believed to have been substantially lightened, and expectations were consequently improved.

Prices were advanced on ironfree sulphate of alumina, carbon black, cornstarch, tanner's corn sugar, corn syrup, corn dextrin, uranium oxides, scarlet red toner, and sumac and extract.

Prices were reduced on aluminum ingots, powder, and paste, lead, Straits tin, stannous chloride, tin crystals, tetrachloride of tin, stannate of soda, domestic quicksilver, synthetic methanol, diphenylamine, ascorbic acid, gum turpentine, gum rosin, shellacs, J1 and J2 myrobalans, mangrove bark, African wattle bark, domestic crystal urea, domestic and imported tankage, and domestic dried blood.

The REPORTER'S composite index number of prices for heavy and fine chemicals remained at 128.5 (100 = average at August 1, 1914). In comparison with average prices in 1926 (as 100), the REPORTER'S index number is now 91.0, compared with 88.8 at this time last year, and 89.4 in 1938.

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OPD Forum

Outlet for Individual Opinion

(Anonymous communications will not be recognized; but publication of a signer's name will be withheld at request.)

Naval Stores Data

To the Editor,
OIL, PAINT AND DRUG REPORTER.
Sir:—

As C. F. Speh, chief of the Naval Stores Research Division, of the United States Department of Agriculture, is now collecting reports on naval stores production, distribution and carryover stocks, for the season ending March 31, which for the first time will make available official combined and segregated gum and wood statistics for two entire naval stores seasons, I am suggesting the adoption and use of the two-season comparable form for the 1939-40 annual naval stores report, due to be issued next May.

The new two-season form suggested, follows the general arrangement and scope of the standard report form adopted and first used in the 1934-35 annual report, so that the cumulative value of a continued standard form is retained, with the addition of segregated gum and wood statistics for this season and last.

The new form suggested will therefore supply in one report, not only all essential combined gum and wood statistics for the entire American naval

—Continued on page **32**

Packaging Competition Awards Are Made

Three All-American packaging awards were presented to DeVaulchier, Blow & Wilmet, industrial designers, at the ninth annual award dinner of the tenth conference on Packaging, Packing and Shipping sponsored by the American Management Association in this city, March 26-27. Herman L. Brooks, president of Coty, Inc., and also president of the Toilet Goods Association, delivered the acceptance speech on behalf of all the winners in the competition, which was judged by Williaim M. Bristol, jr., president of Bristol-Myers, Inc., this city.

The suggestion that manufacturers apply common sense to the problem of deceptive packaging to make sure that packages are filled as full as commercially possible, was advanced earlier in the session by Dr. W. R. M. Wharton, chief of the Eastern district of the Food and Drug Administration. In the long run, he warned, packers will probably need to subordinate the advantages of uniformity of size to the

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So. Fertilizer Wage Rate For U. S. Bids Raised

OPD Washington Bureau
March 26, 1940

Minimum wages to be paid by fertilizer manufacturers in Southern States when filling government contracts will be raised to 30 cents an hour under the terms of an order issued today by the Secretary of Labor and effective on contracts for which bids are opened after April 19, 1940.

Under the Walsh-Healey government contracts act, the secretary on August 15, 1939, fixed minimum wages for the fertilizer industry which varied for different sections of the country. The lowest wage was twenty-five cents an hour, or $10 per week of forty hours, in the states of North and South Carolina, Georgia, Florida, Alabama, Mississippi, Louisiana, Arkansas, Oklahoma and Texas.

On Nov. 6, 1939, the Secretary issued an order to show cause why the minimum wage in those states should not be increased to the minimum fixed for all inter-state business by the Wage and Hour law. No objections were filed and the wage determination has been changed to require a minimum of thirty cents an hour or $12 per week of forty hours in those states, when filling government contracts. Minimums fixed for other sections of the country are not changed.

A.D.M.A. Enlists Convention Speakers

Particular effort is being made to provide a larger and more comprehensive program of addresses at this year's convention of the American Drug Manufacturers Association, which will be held May 6 to 9 in White Sulphur Springs, W. Va. Presentations of timely technologic, sociologic, and economic topics by nationally known authorities are being arranged for each session, and the customary reports of officers and committees will be accordingly allocated.

The desired number of speakers has not yet been completed, but the following have been enlisted:—

Dr. Roger Adams, head of the department of chemistry of the University of Illinois:—"The Present Status of the Chemistry of Natural Products"; May 6, before the scientific section.

Dr. Sarah Branham, of the National Institute of Health:—"Antimeningococcic Serum: Its Present Status and Future Possibilities"; May 6, before the biological section.

Lt. Col. C. F. Shook, of the Medical Corps, United States Army:—"Industry and Its Position in National Preparedness"; May 7, at the general session.

Dr. Perrin H. Long, of the Johns Hopkins Hospital:—"Comparative Chemical Studies upon the Value of Sulphanilamide, Sulphapyridin, and Sulphathiazole"; May 8, at the general session.

James A. Horton, chief examiner for the Federal Trade Commission:—"Regulation and Cooperation"; May 9, at the general session.

Dr. Morris Fishbein, editor of the *Journal of the American Medical Association*:—"American Medicine and the National Government"; May 9, at the general session.

Chemurgic Conference Studies New Products

Research developments relative to the further utilization of farm products were reported to the sixth annual Chemurgic Conference, held in the Stevens hotel, Chicago, March 27-29. Wheeler, McMillen, president of the National Farm Chemurgic Council, Columbus, delivered the opening address.

Chemurgy had its beginning, Mr. McMillen said, in the thought that since food demand is limited by population numbers and stomach capacity, nonfood uses for farm-grown raw materials should be increased. Southern pulp for newsprint, the growing tung oil industry, cigarette paper manufacture from flax, starch from sweet potatoes, and new uses for milk casein and soybeans were listed by Mr. McMillen as developments contributing to farm and national income.

Castor bean production, he said, is at least upon the verge of becoming established as a new addition to farm opportunity. Mr. McMillen added that the council has been assured on high scientific authority that castor beans' industrial potentialities equal those of the soybean.

A new process which substitutes for coke made from coal a processed charcoal made from wood waste was described by John Gellert, of the American Casting Service, Watertown, Wis. Mr. Gellert said the process has been perfected by Dr. Steven Ruzicka, of Yugoslavia. Mr.

—*Continued on page* 32

Alcohol Fee Proposal In R.I. Opposed

In 1938 the State of Rhode Island levied a tax of 5 cents per gallon on alcohol sold for other than beverage uses. A bill (H.B. 912) recently introduced in the legislature would impose a heavy license fee on wholesalers of such alcohol, in the following provision with respect to wholesaler's license:—

Section 1. Special alcohol license: Such a license shall authorize the holder thereof to manufacture, transport, import, export, deliver, and sell alcohol for mechanical, manufacturing, medicinal, or chemical purposes only, or to any registered pharmacist, licensed pharmacy, drug store, or apothecary shop, or to any registered physician or dentist, or to any hospital or educational or scientific institution, for use other than beverage purposes; the right, power and jurisdiction to issue such license shall be solely in the department of business regulation.

—*Continued on page* 50

U. S. Whaling Rules Revised

OPD Washington Bureau
March 25, 1940

New whaling regulations were issued today jointly by the Treasury Department and the Department of the Interior to make United States regulations conform to the 1939 protocol of the International Whaling treaty. The principal changes in the regulations relate to methods of measuring whales and keeping records as to the size, species, and sex of whales caught by American whaling expeditions.

Exporting Fundamentals Presented by Landis

The United States should do a big business permanently in export markets, Dr. W. S. Landis, vice-president of the American Cyanamid Company, told the chemical, drug, and cosmetic group of the Export Managers Club of New York at its luncheon March 26. He felt that the possibilities of expansion in this respect lay chiefly in the proper consideration of that portion of the buying population of other lands that is willing to pay well for quality in the goods it buys. He cited a number of instances of American goods sold at premium prices in foreign markets because they had quality and were properly adapted to the needs of the countries.

Dr. Landis laid down some fundamental rules for the development and maintenance of satisfactory export trade. Among these were:—

Do not be satisfied with average statistics; endeavor to get specific information.

Young men do not make as good foreign representatives as older men do, because they are required mainly to deal with men of maturity.

Thorough knowledge of the language of the country is a prime essential of successful marketing.

High executives of the exporting concerns should periodically visit foreign markets.

Social amenities and distinctions are an important factor in foreign trade relations.

Local representatives should be personally selected by upper-bracket executives of the exporting concern.

Knowledge of local customs is essential on the part of the direct-contact representative, and men with such knowledge must be associated with managers who may be selected from the home office personnel if their adaptability to essential conditions is assured.

Paint Show Plans Taking Shape

Philadelphia, Mar. 28, 1940

Plans are nearly completed for the Paint Industries Show to be held in conjunction with the annual meetings of the Federation of Paint and Varnish Production Clubs and the National Paint, Varnish and Lacquer Association during the week of October 28 in the Mayflower hotel, Washington.

As a new feature this year, according to the director of the show, J. F. McMenamin, of Felton, Sibley & Co., the show will be kept open throughout the two conventions, opening October 28 at 8:30 a.m. and closing November 1 at 12:00 noon. Other special features are being worked out by Mr. McMenamin's committee.

Exhibitors will be permitted to start setting up their displays in the forenoon October 26. This is expected to provide ample time for the arranging of mechanical devices and other special displays well in advance of the opening of the show. More exhibit space will be available this year, and the lay-out of the show will be such that every person attending the sessions of the F.P.&V.P.C. meeting will have to pass every exhibit in going to and from the meeting room.

Inflammables Trucking Rules Proposed in N.Y.

Albany, Mar. 26, 1940

Regulation of the transportation of inflammables by truck is proposed in a bill (A. 2863) introduced in the State legislature by Assemblyman Rapp at the request of the joint legislative committee on interstate cooperation. The proposed rules would apply to inflammable liquids of two classes:—(A) Those having a flashpoint below 70°F. by closed-cup test, and (B) those having a flashpoint from 70°F. to 186°F.

Tank trucks, trailers, and semitrailers used in the transportation of inflammable liquids would be required to be in good repair, clean, free of leaks, and equipped with rubber tires. Minimum gages would be provided for the steel in tank shells and heads. Rules for the operating of motors while loading and unloading are proposed; as are rules for firefighting equipment and against smoking by operators. Specifications of construction and installation of equipment are included. Tanks carrying class A liquids could not have a single compartment of more than 600 gallons.

Vitamin Food Labels To Be Discussed

OPD Washington Bureau
March 27, 1940

Tentative regulations prescribing label statements for vitamin, mineral, and special dietary foods were published by the Food and Drug Administration in the *Federal Register* today, and will be subject of public hearings in the Department of Agriculture auditorium April 29.

The regulations, authorized by section 403 (j) of the food, drug, and cosmetics act, apply specifically to special foods for which therapeutic claims are made but are so worded as to include drug preparations used primarily for the purpose of supplying vitamins or minerals.

The proposed regulations specify minimum daily requirements for the various vitamins and also for calcium, phosphorus, iron, and iodine, and also list a number of special warning statements to be used on the labels of various products.

While the tentative regulation uses the term, "food," throughout, it is the position of FDA officials that any product or preparation which supplies a diet deficiency that ordinarily would be included in a normal diet is a "food" within the meaning of section 403(j), even though it is usually thought of as a drug. The regulations therefore purport to cover such things as codliver oil, yeast, vitamin concentrates, and drugs whose chief purpose is to supply a mineral ordinarily obtained through diet. One basis for this opinion is the fact that nowhere else in the act is there any requirements for label statements regarding vitamins; so the

—*Continued on page* 50

Cresylic Acids From Petroleum Available

Cresylic acids have been produced from petroleum in commercial quantities on the Pacific coast for the past few years, but these have not made an appearance on the open market in the East and the Middle West until recently. In the earlier days of this production, refining methods had not been perfected, and applications of the materials were for the most part limited to uses in ore flotation operations. Now, however, refined grades of these products are available and these, it is reported, are being used in increasing quantities in the general applications of cresylic acids, particularly in the fields of disinfectants and synthetic resins.

The process followed in the manufacture of petroleum cresylic involves agitation of the distillate containing the acids with caustic soda, then acidification of the separated caustic layer to separate the phenols which are subsequently refined and distilled into the desired boiling ranges.

The full-range cresylic acids so produced consist of phenolic compounds ranging from phenol itself through the cresols and xylenols and on into higher phenolic homologs.

—*Continued on page* 56

Patman Chain Store Tax Hearing Opened

OPD Washington Bureau
March 28, 1940

Hearings opened this week before a subcommittee of the house committee on ways and means on the Patman bill (H.R. 1) to impose a Federal excise tax on retail chain stores. The hearings are expected to last for several weeks.

Committee members questioned Mr. Patman closely, many of them declaring he exaggerates the alleged evils of the chain store system and the benefits which he claims for the bill. Asked why he wants the bill amended to remove the exemption for filling stations, Mr. Patman explained there appeared to be little opposition to including filling stations, and since chain filling stations are as much an aspect of monopoly as chain stores the sponsors of the bill felt they should be included.

Opening the testimony for the bill, Representative Wright Patman of Texas, its author, proposed a number of amendments designed to make the bill less drastic and remove some of the opposition to it. He proposed to cut in half the entire schedule of taxes so that for each store in excess of fifteen the tax would be $25 per store per year instead of $50, and similarly through the higher brackets so that for each store in excess of five hundred the tax would be $500 instead of $1,000.

Another amendment would completely eliminate from the tax chains of less than fifty stores within the state in which the chain's principal place of business is located, or within a radius of one hundred miles of the principal place of business.

The so-called "death sentence" provision under which the tax would be multiplied by the number of States in which a chain does business would not be effective until seven years after enactment of the bill, instead of two years as specified in the original draft, provided no additional stores are operated and the location of any store is not changed.

The final amendment proposed by Mr. Patman would remove the exemption provided in the original bill for filling stations engaged primarily in the sale or distribution of petroleum products and not engaged in the sale or distribution of automobile tires and tubes.

The principal argument used by Mr. Patman in his lengthy defense of the bill was that independent business is being exterminated by absentee landlordism and concentrated economic control, exemplified in the chain store system. He also contended that chain stroes have not reduced the cost of distribution, introducing statistics which he said proved that farmers are now receiving a smaller percentage of the consumer's dollar spent for many foods than they did before the period of great chain store growth.

Among the other witnesses scheduled to appear is:—

Theodore H. Christianson, president, Freedom of Opportunity Foundation, and public relations counsel, National Association of Retail Druggists, Chicago, Ill.

N.A.I.D.M. Allots Funds for Research

By vote of its board of governors, the National Association of Insecticide and Disinfectant Manufacturers has made available the sum of $1,500 for two research projects in its field.

An appropriation of $1,200 has been made to carry to conclusion the work at Ohio State University on the evaluation of liquid and powder insecticides against crawling insects. The next stage of this project will be started June 1.

To initiate a disinfectant project covering the prevalence of harmful bacteria in public places the association has made an appropriation of $300. Work on this project is to start immediately at the medical school of the University of Rochester. Upon the completion of a preliminary study it is expected that more extensive work will be undertaken along lines suggested by W. B. Eddy, chairman of the research program committee, for the promotion of the use of disinfectants.

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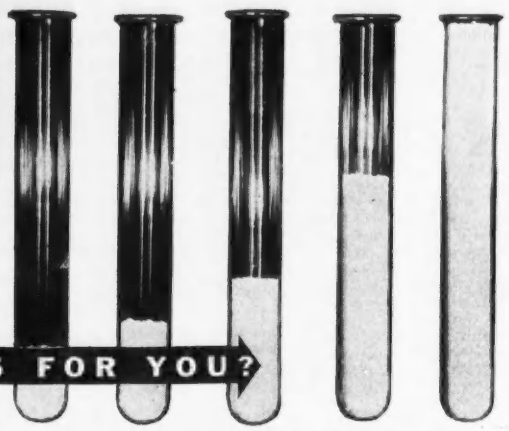

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Eye-Evidence—Test-Tubes each contain (from left to right) a half ounce by weight of Extra Heavy, Heavy, Medium, Light and Extra Light grades of Mallinckrodt Bismuth Subcarbonate. Note difference in bulk.

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   About 22 fluid ounces per pound
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   About 30 fluid ounces per pound
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Current Market Quotations

March 29, 1940

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When not otherwise indicated, quotations are f.o.b. New York prices on large lots. Price changes and trends are noted in the market reports on other pages, with other informative comment. The locations of the several reports are indicated on page 4.

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A

Acacia (see Gum, Arabic)
Acetal, dms., dlvd.....lb. .75 - 1.00
Acetaldehyde, 99%, dms., 55 & 110 gls., works..lb. .11 - —
5 & 10 gls., works.....lb. .14 - —
Acetamide, CP, kgs., 5,000 lbs. a year, works..lb. .36 - —
200-lb. lots, works.....lb. .38 - —
100-lb. lots, works.....lb. .55 - —
5 to 50-lb. lots, works....lb. .70 - —
tech., kgs., 5,000 lbs. a year, works..lb. .28 - —
200-lb. lots, works.....lb. .30 - —
100-lb. lots, works.....lb. .45 - —
5 to 50-lb. lots, works....lb. .50 - —
Acetanilide, tech., bbls.....lb. .22 - —
95%, bbls.....lb. .29 - —
USP, cryst., bbls., 2,000-lb. lots, lb. .32 - —
smaller lots.....lb. .33 - —
dms., 25-lb. lots.....lb. .38 - —
kgs., 2,000-lb. lots.....lb. .33 - —
smaller lots.....lb. .34 - —
powd., bbls., 2,000-lb. lots..lb. .30 - —
smaller lots.....lb. .31 - —
dms., 25-lb. lots.....lb. .36 - —
kgs., 2,000-lb. lots.....lb. .31 - —
smaller lots.....lb. .32 - —
Acetoactanilide, dms.....lb. .47 - .65
Acetone, CP, dms., c.l., dlvd..lb. .07½- —
l.c.l., dms., dlvd.....lb. .08 - —
tanks, dlvd.....lb. .06 - —
Methyl (see M).
Acetophenone, bots.....lb. 1.60 - —
cns., 25 to 50 lbs.....lb. 1.30 - 1.35
dms., 100 lbs.....lb. 1.27 - —
Acetophenetidin, bbls., kgs., 1,000 lbs..lb. 1.00 - —
50 lbs.....lb. 1.02 - —
25 lbs.....lb. 1.05 - —
Acid, abietic, dms., c.l., f.o.b. all points in U. S. E. of and including Kans., Neb., N. D., Okla., S. D., Texas E. of Austin and Brownsville...lb. .08¾- —
l.c.l., same terms.....lb. .09 - —
Acetic, com'l or redist., 28%, bbls..100 lbs. 2.23 - 2.48
cbys.....100 lbs. 2.73 - 2.98
56%, bbls.....100 lbs. 4.15 - 4.40
cbys.....100 lbs. 4.65 - 4.90
70%, bbls.....100 lbs. 5.17 - 5.42
cbys.....100 lbs. 5.67 - 5.92
80%, bbls.....100 lbs. 5.89 - 6.14
cbys.....100 lbs. 6.39 - 6.64
glacial, nat., CP, cbys.100 lbs.14.00 - —
99.5%, bbls.....100 lbs. 7.62 - 7.87
cbys.....100 lbs. 8.12 - 8.37
tanks.....100 lbs. 5.00 - —
USP, bbls.....100 lbs.10.25 -10.50
cbys.....100 lbs.10.75 -11.00
synth., 99.5%, al. dms., 100 lbs. 8.43 - 8.68
cbys.....100 lbs. 8.93 - 9.18
USP, al. dms.....100 lbs.10.25 -10.50
cbys.....100 lbs.10.75 -11.00
pure, 30%, bbls.....100 lbs. 3.28 - 3.53
cbys.....100 lbs. 3.78 - 4.03
36%, bbls.....100 lbs. 3.66 - 3.91
cbys.....100 lbs. 4.16 - 4.41
60%, bbls.....100 lbs. 6.15 - 6.40
cbys.....100 lbs. 6.65 - 6.90
80%, bbls.....100 lbs. 7.68 - 7.93
cbys.....100 lbs. 8.18 - 8.43

Acetic acid price differentials above are for c.l. and l.c.l. quantities; the prices apply div'd at destination in the following States: Conn., Dela., D. of C., Md., Mass., N. J., N. Y., N. and S. Car., R. I., Penna., and Va. For all other States except Wash., Ore., and Calif., prices are f.o.b. works, frt. equalized.

Acetic, anhydride, dms., c.l., frt. alld..lb. .10½- .11½
l.c.l., dms., frt. alld.....lb. .12 - .13
Acetylsalicylic, special, USP, fine cryst., gran., 200-lb. bbls..lb. .45 - —
standard, USP, fine cryst., gran., 20 or 40 mesh, 200-lb. bbls..lb. .40 - —
powd., 80 mesh, 200-lb. bbls..lb. .40 - —
Anthranilic, refd., bbls.....lb. 1.15 - 1.20
tech., bbls.....lb. .75 - —
Arsenous, tech. (see Arsenic, White).
USP, powd., dms., kegs....lb. .22 - .25
Ascorbic, bots., dms.....oz. 2.25 - 2.50
Battery, cbys., c.l., E. works, 100 lbs. 1.60 - —
l.c.l., 25 or more, E. works, 100 lbs. 1.85 - —
10-25, E. works....100 lbs. 1.95 - —
1-9, E. works.....100 lbs. 2.55 - —
Benzoic, tech., bbls., 4,000 lbs. or more..lb. .43 - —
1,000 to 3,900 lbs.....lb. .44 - —
900 lbs. or less.....lb. .47 - —
USP, bbls., 4,000 lbs. or more, lb. .54 - —
1,000 to 3,900 lbs.....lb. .55 - —
900 lbs. or less.....lb. .58 - .59
dms., 4,000 lbs. or more..lb. .55 - .56
1,000 to 3,900 lbs.....lb. .56 - .57
900 lbs. or less.....lb. .59 - .60
Boric, tech., 99.5%, gran., bbls., contracts, 80 tons, dlvd., ton.106.00 - —
c.l., dlvd.....ton.111.00 - —
l.c.l., ex whse.....ton.118.00 -128.00
sks., contracts, 80 tons, dlvd..ton.96.00 - —
c.l., dlvd.....ton.101.00 - —
l.c.l., ex whse.....ton.108.00 -113.00
powd., bbls., contracts, 80 tons, dlvd..ton.111.00 - —
c.l., dlvd.....ton.116.00 - —
l.c.l., dlvd.....ton.123.00 -138.00
sks., contracts, 80 tons, dlvd..ton.101.00 - —
c.l., dlvd.....ton.106.00 - —
l.c.l., ex whse.....ton.113.00 -128.00
USP, $25 per ton higher.

Acid, butyric, 99%, dms., c.l., S. Charleston, W. Va..lb. .22 - —
l.c.l., same basis.....lb. .23 - —
tanks, same basis.....lb. .21 - —
Broenner's, bbls.....lb. 1.11 - —
Camphoric, cns.....lb. 7.00 - —
Capric, dms.....lb. .14 - .14½
Caporic, dms., works.....lb. .35 - .40
Carbolic (see Phenol).
Castor oil, split, dms.....lb. .17½- .18
Chlorosulphonic, dms., c.l., works..lb. .0350- —
5-drum lots, works.....lb. .04 - —
single drum.....lb. .05 - —
tanks, works.....lb. .03 - —
Chromic, 99%, dms., c.l., dlvd. N. Y..lb. .15¼- —
l.c.l., 5 tons, dlvd. N. Y. lb. .15¾- —
dms., smaller quantities, dlvd. N. Y..lb. .16¼- .17¼
Cinnamic, refd., bots.....lb. 2.85 - 3.25
Citric, cryst., gran., bbls., car lots..lb. .20 - —
10-000-lb. lots, one shipt. lb. .20½- —
smaller lots.....lb. .21 - —
anhyd., gran., dms., 10,000 lbs., 1 shipt..lb. .23 - —
smaller lots.....lb. .23½- —

Citric acid quotations on powder are ½c. higher than on granular. Keg packing is ½c. higher than barrels. Prices are f.o.b. N. Y. Chicago and St. Louis deliveries are ½c. higher than N. Y.

Cleve's, bbls.....lb. .57 - —
Coconut oil, dms.....lb. .10½- .11
Corn, dist., dms.....lb. .09 - .09½
Cottonseed oil, dist., dms....lb. .09¼- .09¾
tanks.....lb. .08¾- —
Cresylic (coaltar) high-boil 50%, 210°-215°, dms., c.l., works, frt. equld..gal. .68 - —
l.c.l., same basis.....gal. .70 - —
special blends (50%, 210°-215°), dms., c.l., works, frt. equld..gal. .71 - —
l.c.l., same basis....gal. .73 - —
low-boil (50%, 204°-206°), dms., c.l., works, frt. equld..gal. .68 - —
l.c.l., same basis.....gal. .70 - —
special blends (50%, 204°-206°), dms., c.l., works, frt. equld..gal. .71 - —
l.c.l., same basis.....gal. .73 - —
imported, pale, dms....gal. .70 - .75
Cresylic (petroleum), high-boil (240°-300°), non-return dms., c.l., works, East. U.S...gal. .40 - —
l.c.l., same basis....gal. .41 - .42
tanks, dlvd., East U.S..gal. .389 - —
medium-boil (222°-249°), non-return dms., c.l., works, East. U.S..gal. .46 - —
l.c.l., same basis.....gal. .47 - .48
tanks, dlvd. East U.S..gal. .448 - —
Crotonic, bbls., dlvd.....lb. .21 - —
smaller containers, dlvd....lb. .50 - —
Diethylbarbituric (see Barbital).
Formic, dom., 90%, cbys, f.o.b. works, c.l..lb. .10½- —
l.c.l., 25 and over..lb. .11 - —
1-24 .....lb. .11½- —
Fumaric, bbls., 1 ton delivery..lb. .24 - —
smaller lots.....lb. .25 - .28
Gallic, tech., bbls.....lb. .90 - .93
N. F., VI, bbls., 200 lbs., 5 or more..lb. 1.07 - —
single bbls.....lb. 1.10 - —
fib. dms., 25 lbs.....lb. 1.16 - —
Gamma, bbls.....lb. .85 - —
Gluconic, tech., 50%, bbls., 500 lbs..lb. .12 - —
100-lb. kgs. or cbys.....lb. .17 - —
25 or 50-lb. demijns.....lb. .21 - .23
5-lb. bots.....lb. .29 - —
H, bbls.....lb. .45 - —
Hydriodic, 47%, bots.....lb. 2.30 - —
5-lb. bots.....lb. 2.51 - —
57%, bots.....lb. 2.75 - 2.90
Hydrobromic, 10% dilut., USP, lb. .20 - .21
pure, 34% conct., cbys.....lb. .42 - .44
Hydrochloric (see Muriatic).
Hydrocyanic, cyls., works....lb. .80 - 1.00
Hydrofluoric, 30%, bbls.....lb. .06 - .06½
lead cbys.....lb. .08 - .08½
48%, lead cbys.....lb. .10½- .11
52%, lead cbys.....lb. .11½- .12
60%, lead cbys.....lb. .14 - .14½
Hydrofluosilic, 30-35%, 420 lb. bbls..lb. .09 - .09¼
Hypophosphorus, USP, 30%, djns..lb. .75 - .80
Lactic, tech., dark, 22%, bbls., c.l., works..100 lbs. 2.50 - —
l.c.l., bbls., works..100 lbs. 2.75 - —
cbys., works....100 lbs. 3.75 - —
44%, bbls., c.l., works, 100 lbs. 5.50 - —
l.c.l., bbls., works..100 lbs. 5.75 - —
cbys, works.....100 lbs. 6.75 - —
light, 22%, bbls., c.l., works, 100 lbs. 3.50 - —
l.c.l., bbls., works..100 lbs. 3.75 - —
cbys., works....100 lbs. 4.75 - —
44%, bbls., c.l., works, 100 lbs. 6.50 - —
l.c.l., bbls., works..100 lbs. 6.75 - —
cbys., works....100 lbs. 7.75 - —
50%, edible, 20 and over, bbls., cbys..lb. .10½- .11½
plastic grade.....lb. .12¼- .13½
5 to 19, edible, bbls., cbys., lb. .11 - .12
plastic grade.....lb. .12¾- .13¾
1 to 4, edible, bbls., cbys., lb. .11½- .12½
plastic grade.....lb. .13¼- .14½
80%, 5 and over, bbls., cbys..lb. .21 - .22
1 to 4 bbls., cbys.....lb. .21½- .22½

Acid, lactic, USP, XI, 85%, cbys, lb. .43 - .45
USP, VIII, 75%, cbys.....lb. .41 - .43
Lauric, dist., tech., dms....lb. .14 .14½
Laurent's, bbls.....lb. .47 —
Linseed oil, dark, dms.....lb. .13 - .13½
light, dms.....lb. .14 - .14½
extra white, dist., dms...lb. .14½- .15
Maleic, powd., dms.....lb. .30 - —
anhydride, dms., c.l.....lb. .25 - —
dms., l.c.l.....lb. .26 - —
Malic, powd., kegs.....lb. .47 - —
Mandelic, bots.....lb. 2.30 - —
dms., 1,000 lbs.....lb. 2.05 - —
smaller lots.....lb. 2.15 - —
Mixed, tanks, nitric unit....lb. .05 - .06
sulphuric unit.....lb. .0085- .009
Molybdic, kgs., works.....lb. .95 - 1.10
Monochloracetic, tech., bbls..lb. .15 - .18
Monosulphonic, bbls.....lb. 1.50 - —
Muriatic, 18°, cbys., c.l., E. works..100 lbs. 1.50 - —
l.c.l., 25 and over, E. works..100 lbs. 1.75 - —
10 to 24, works...100 lbs. 1.85 - —
1 to 9, works.....100 lbs. 2.45 - —
tanks, works.....100 lbs. 1.05 - —
29°, cbys., c.l., E. works, 100 lbs. 1.75 - —
l.c.l., 25 and over, works, 100 lbs. 2.00 - —
10 to 24, works...100 lbs. 2.10 - —
1 to 9, works.....100 lbs. 2.70 - —
tanks, works.....100 lbs. 1.15 - —
22°, cbys., c.l., E. works, 100 lbs. 2.25 - —
l.c.l., 25 and over, works, 100 lbs. 2.50 - —
10 to 24, works...100 lbs. 2.60 - —
1 to 9, works.....100 lbs. 3.20 - —
tanks, works.....100 lbs. 1.65 - —
C.P. dealers, cbys.....lb. .06½- —
6-lb. bots.....lb. .18¾- —
consumers, cbys.....lb. .08 - —
6-lb. bots.....lb. .20 - —
Myristic, dist., dms.....lb. .18¼- .18¾
Naphthenic, dom., acidity, 160, dms., c.l., works..lb. .11 Nom.
l.c.l., dms., works.....lb. .11½ Nom.
tanks, works.....lb. .10½ Nom.
200-220, dms., c.l., works...lb. .09½ Nom.
l.c.l., dms., works.....lb. .10 Nom.
tanks, works.....lb. .09 Nom.
240, dms., c.l., works.....lb. .14 Nom.
l.c.l., dms., works.....lb. .14½ Nom.
tanks, works.....lb. No prices
Nicotinic, 25-lb. cns.....lb.15.00 -15.50
5-lb. bots.....lb.16.50 - —
1-lb. bots.....lb.17.00 - —
Nitric, 36°, cbys., c.l., E. works, 100 lbs. 5.00 - —
l.c.l., 25 and over, E. works..100 lbs. 5.25 - —
10 to 24, works...100 lbs. 5.35 - —
1 to 9, works....100 lbs. 5.95 - —
38°, cbys., c.l., E. works, 100 lbs. 5.50 - —
Western works...100 lbs. 5.75 - —
l.c.l., 25 and over, E. works..100 lbs. 5.75 - —
10 to 24, works...100 lbs. 5.85 - —
1 to 9, works.....100 lbs. 6.45 - —
40°, cbys., c.l., E. works, 100 lbs. 6.00 - —
l.c.l., 25 and over, E. works..100 lbs. 6.25 - —
10 to 24, works...100 lbs. 6.35 - —
1 to 9, works....100 lbs. 6.95 - —
42°, cbys., c.l., E. works, 100 lbs. 6.50 - —
l.c.l., 25 and over, works, 100 lbs. 6.75 - —
10 to 24, works...100 lbs. 6.85 - —
1 to 9, works....100 lbs. 7.45 - —
C.P., USP, dealers, cbys...lb. .11½- —
7-lb. bots.....lb. .22½- —
consumers, cbys.....lb. .13 - —
7-lb. bots.....lb. .24 - —
Oleum (see sulphuric fuming).
Oxalic, dom., bbls., c.l., works, lb. .10¾- —
10,000 lbs. and over....lb. .11 - —
smaller quantities.....lb. .12 - .14
Palm oil, white, dist., dms..lb. .07½- .08
tanks.....lb. .07 - —
Phenylacetic, bots.....lb. 1.75 - 3.00
Phosphoric, ortho, tech., 50%, cbys..lb. .06 - —
75%, cbys.....lb. .07½- —
USP, 85%, s. g. 1,710, cbys., 180 lbs..lb. .12 - —
50%, s. g. 1,347, cbys., 70 lbs..lb. .12 - —
djns., 25 lbs.....lb. .15 - —
10%, dilut., cbys., djns...lb. .07 - .07½
Picramic, kgs.....lb. .65 - .70
Picric, bbls.....lb. .35 - —
Propionic ref., cbys., works..lb. .25 Nom.
dms., works.....lb. .22 Nom.
tech., cbys., works.....lb. .20 Nom.
dms., works.....lb. .16 Nom.
Pyrogallic, tech., lump, powd., bbls..lb. 1.20 - —
cns.....lb. 1.25 - —
USP, cryst., cns.....lb. 1.70 - —
resubl., cns.....lb. 2.25 - —
Pyroligneous, bbls., dlvd. E.gal. .25 - —
Ricinoleic, com'l, split (see Acid, castor oil, split), tech., dms., c.l., works....lb. .27 - —
l.c.l., dms., works.....lb. .28 - .33
Salicylic, tech., bbls.....lb. .33 - —
USP, bbls.....lb. .35 - .40
Sebacic, C.P., bbls., works..lb. No prices
tech., bbls., works.....lb. No prices
Soybean oil, dist., dms.....lb. .09¼- .09¾
Stearic, dist., double pressed, bgs., dlvd..lb. .11¼- .12¼
single pressed, bgs., dlvd.lb. .10¾- .11¾
triple pressed, bgs., dlvd.lb. .14 - .15

Acacia—Alcohol

Acid, stearic, saponif., double pressed, bgs., dlvd.....lb. .11½- .12½
triple pressed, bgs., dlvd..lb. .14¼- .15¼
Succinic, bbls.....lb. .75 - —
Sulphanilic, CP, bots., works..lb. 1.60 - 1.68
tech., dms., works.....lb. .17 - —
Sulphonaphthenic, dms.....lb. .04 - .10
Sulphuric, 66°, cbys., c.l., E. works..100 lbs. 1.25 - —
l.c.l., 25 and over, works, 100 lbs. 1.50 - —
10 to 24, works.100 lbs. 1.60 - —
1 to 9, works.100 lbs. 2.20 - —
tanks, E. works.....ton.13.00 - —
66°, cbys., c.l., E. works.... 100 lbs. 1.50 - —
l.c.l., 25 and over, works, 100 lbs. 1.75 - —
10 to 24, works.100 lbs. 1.85 - —
1 to 9, works.100 lbs. 2.45 - —
tanks, E. works.....ton.16.50 - —
98°, tanks, works.....ton.17.50 - —
CP, USP, dealers, cbys....lb. .06½- —
9-lb. bots.....lb. .16½- —
consumers, cbys.....lb. .08 - —
9-lb. bots.....lb. .18 - —
fuming, 20%, tanks, E. works, ton.18.50 - —
65%, tanks, E. works...ton.36.00 - —
Tannic, tech., bbls., dms....lb. .54 - .56
USP, fluffy, bbls., 1,000-lb. lots..lb. .98 - —
100-lb. lots.....lb. 1.00 - —
25-lb. lots.....lb. 1.03 - —
powd., bbls., 1,000 lbs.....lb. .88 - —
smaller lots.....lb. .90 - —
Tartaric, USP, dom., cryst., gran., powd., bbls., 10,000 lbs. or more, one shipment, lb. .37¼- —
smaller quantities.....lb. .37¾- —
kgs.....lb. .38¼- —
Tobias, bbls.....lb. .55 - .60
Trichloroacetic, bots.....lb. 2.00 - 2.50
Tungsten, CP, kgs., works...lb. No prices
Chem. grade, kgs., works..lb. No prices
Aconite leaves, bls.....lb. .28 - .30
Root, bls.....lb. .36 - .38
Aconitine, amorph., bots.....oz.23.00 - —
vls.....gr. 1.00 - —
cryst., bots.....oz.42.00 - —
vls.....gr. 1.60 - —
Adeps lanae, anhyd., dms.....lb. .30 - .31
hyd., dms.....lb. .29 - .30
Agar, 1, bls.....lb. 1.45 - 1.50
3, bls.....lb. No prices
Agaric, white, bls.....lb. 5.00 - 5.25
Albumen, blood, dark, flake, bgs., f.o.b. Chicago, frt. alld..lb. .13 - —
powd., grade A, same basis, ton lots..lb. .15 - —
smaller lots, same basis..lb. .18 - —
light, dom., flake, dms., f.o.b. Chicago, frt. alld..lb. .55 - .62
import, bgs.....lb. .60 Nom.
egg, ed., dom., cryst., bbls..lb. .53 - .59
dom., powd., dms., bbls..lb. .58 - .64
import, cs.....lb. .60 - .62
Alcohol, amyl (see also Fusel oil, refd.), ex pentane dms., c.l., frt. alld..lb. .111 - —
l.c.l., frt. alld.....lb. .121 - —
tanks, frt. alld.....lb. .101 - —
Benzyl, cns.....lb. .68 - —
drums.....lb. .63 - —
Butyl, normal, cns., works..lb. .14½- .16⅛
dms., c.l., frt. alld.....lb. .10 - —
l.c.l., frt. alld.....lb. .10½- —
tanks, frt. alld.....lb. .09 - —
tankwagon, frt. alld.....lb. .09½- —

Contract prices 1c. per gal. less.

secondary, dms., c.l., frt. paid E. of Miss. R..lb. .07½- —
l.c.l., same terms.....lb. .08 - —
tanks, same terms.....lb. .06½- —
tertiary, denaturing, c.l., dms..lb. .12½- —
l.c.l., dms.....lb. .13 - —
tanks.....lb. .11½- —
Capryl, pure, dms., works...lb. 2.50 - —
tech., dms., works.....lb. .85 - —
Cetyl, dom., CP, fiber ctns., 1,000 lbs..lb. 1.50 - —
500 lbs.....lb. 1.70 - —
100 lbs.....lb. 1.80 - —
25 lbs.....lb. 1.90 - —
5 lbs.....lb. 2.00 - —
com'l, dms.....lb. .95 - —
Import, 85%, 100-lb. dms....lb. .55 - —
5 to 10 lbs.....lb. .75 - —
com'l, 350-lb. dms.....lb. .45 - —
Cinnamic, bots.....lb. 2.00 - 2.50
Denatured, CD14, dms., c.l., works, E..gal. .31½- —
l.c.l., works, dms.....gal. .36½- —
tanks, E., works.....gal. .25½- —

Prices for territories other than E. of Rockies are 4c. per gal., in tanks, and 5c. per gal. in dms., higher. Tankcar sales require written authorization by Alcohol Tax Unit.

SDI, 190 pf., bbls., c.l., E. works..gal. .29½- —
19 bbls., E. works...gal. .31½- —
1 to 18 bbls., E. works, gal. .34½- —
dms., c.l., E. works....gal. .28½- —
19 dms., E. works...gal. .30½- —
1 to 18 dms.....gal. .33½- —
tanks, E. works.....gal. .22½- —

Anhydrous 3c. per gal. higher.

SD-2B., dms., c.l., works, E. gal. .26½- —
19 dms., works, E...gal. .28½- —
1 to 18 dms., works, E. gal. .31½- —
tanks, E., works.....gal. .20½- —

Alcohol—Ammo. Oleate

Alcohol, SD23-G, works, E., c.l., dms..gal. .32½- —
19 dms.....gal. .34½- —
1 to 18 dms.....gal. .37½- —
tanks .....gal. .26½- —

Prices for territories other than E. of Rockies are 4c. per gal., in tanks, and 5c. per gal., in dms., higher.

Special solvent, dms., c.l., E. works..gal. .29½- —
20 dms., E. works..gal. .31½- —
1 to 10 dms.....gal. .34½- —
tanks, E. works.....gal. .23½- —

Tankcar sales require written authorization by Alcohol Tax Unit.

Diacetone, acetone-free, dms., c.l.,divd..lb. .12 - —
l.c.l., divd.....lb. .12½- —
cns., works.....lb. .16½- .16½
tanks, divd.....lb. .11 - —
tech., dms., c.l., divd.....lb. .11½- —
l.c.l., divd.....lb. .12 - —
cns., works.....lb. .16 - .18
tanks, divd.....lb. .16½- —
Ethyl, 190 pf., ex molasses, bbls., c.l..gal. 4.55 - —
19 bbls. .....gal. 4.58½- —
1 to 18 bbls.....gal. 4.61½- —
dms., c.l.....gal. 4.54 - —
19 dms. .....gal. 4.57½- —
1 to 18 dms.....gal. 4.60½- —
tanks .....gal. 4.48 - —
absolute, dms., c.l.....gal. 4.81½- —
19 dms. .....gal. 4.85 - —
1 to 18 dms.....gal. 4.58 - —
Grain alcohol 25c. gal. higher.

Alcohol, furfuryl, tech., cns., works..lb. .35 - —
dms., c.l., 33,000 lbs., works, lb. .20 - —
l.c.l., 500 lbs. and more, works..lb. .25 - —
Isoamyl, primary, dms., l.c.l., divd..lb. .27 - —
cans, works.....lb. .32 - —
Isobutyl, refd., dms., works..lb. .0690- —
tanks, same terms.....lb. .0590- —
Isopropyl, refd., 91%, dms., 5 gal., f.o.b., dest..gal. .65 - —
55 gal. c.l., same basis, gal. .33½- —
l.c.l., same basis....gal. .38½- —
tanks, frt., alld.....gal. .28½- —
99%, dms., 5 gal., same basis, gal. .65 - —
55 gal., c.l., same basis, gal. .36 - —
l.c.l., same basis....gal. .41 - —
tanks, same basis.....gal. .31 - —
Methyl (see Methanol).
Phenylethyl, bots., cans.....lb. 2.50 - 3.35
Propyl, normal, dms., works, gal. .70 - —
Tetrahydrofurfuryl, dms., contract, f.o.b. Waverly, N. Y., lb. .44 - —
450 lb. lots, same basis....lb. .50 - —
cns., f.o.b., Cedar Rapids, Ia. lb. .55 - —
Aldehol, denat., grade, dms., tanks, works..gal. .70 - .72
Aldehyde bisulphite, bbls., divd., lb. .17 - —
smaller containers.....lb. .20 - —

Aldol, 95%, 55 and 110 gal. dms., c.l., works..lb. .11 - —
l.c.l., works.....lb. .12 - —
5 and 10 gal. dms., works, lb. .15 - —
Aletris root, bgs.....lb. .39 - .40
Alizarin (see Red, alizarin).
Alkanet root, bgs.....lb. .22 - .23
Aloe, Cape, cs.....lb. .20 - .21
Curacao, cs.....lb. .44 - .45
gourds, bbls.....lb. .80 - .85
Socotrine, kgs.....lb. .40 - .45
Aloin, 140-lb. bbls.....lb. 3.25 - —
100-lb. kgs.....lb. 3.27 - —
25-lb. fib. dms.....lb. 3.34 - —
Alphanaphthol, bbls.....lb. .52 - —
Alphanaphthylamine, bbls.....lb. .32 - —
Althea root, USP, cube cut, bbls., lb. .45 - .50
peeled, bls.....lb. .47 - .49
Alum, ammonia, burnt, USP, bbls., kgs..lb. .16 - .18
gran., bbls., works....100 lbs. 3.50 - —
divd. N. Y., Phila..100 lbs. 3.50 - —
lump, bbls., works.....100 lbs. 3.75 - —
divd. N. Y., Phila..100 lbs. 3.75 - —
powd., bbls., works....100 lbs. 3.90 - —
divd. N. Y., Phila..100 lbs. 3.90 - —

Ammonia alum prices are for contract and open market; f.o.b. Phila.; frt. equalized with Marcus Hook, Boston, Atlanta, or Joliet; rail or water rates, whichever is lower. L.c.l. quantities must carry l.c.l. rate applying; for truck or ex warehouse deliveries all metrop. zones (except N. Y.) add l.c.l. rail or water rate, whichever is lower, from shipping or equalization point; divd. N. Y. prices apply to truck or ex warehouse.

Alum, potash, gran., bbls., works..100 lbs. 5.75 - —
divd. N. Y., Phila..100 lbs. 3.75 - —
lump, bbls., works.....100 lbs. 4.00 - —
divd. N. Y., Phila..100 lbs. 4.00 - —
powd., bbls., works....100 lbs. 4.15 - —
divd. N. Y., Phila..100 lbs. 4.15 - —

Potash alum prices on same basis as those for ammonia alum.

Potash-chrome, bbls.....lb. .06¼ Nom.
Soda, bbls., c.l., works..100 lbs. 3.25 - —
l.c.l., divd.....100 lbs. 4.25 - 5.00
Alumina acetate, 20%, normal solut., bbls., c.l., divd..lb. .07½- —
l.c.l., divd.....lb. .09 - —
52%, basic solut., bbls., c.l., divd..lb. .10 - —
l.c.l., divd.....lb. .12 - —
basic powd., bbls., divd...lb. .40 - —
smaller containers, divd., lb. .50 - —
Chloride, anhyd., com'l, dms., (extra), 45,000 lbs. and over, works..lb. .08 - —
12,000 to 40,000 lbs., works..lb. .09 - —
1,100 to 11,000 lbs., works, lb. .10 - —
140 to 875 lbs., works.lb. .11 - —
100 lbs. or less, works.lb. .12 - —
cryst., com'l, dms., c.l., works, lb. .06 - —
l.c.l., dms., works.....lb. .06½- —
solution, 32 deg., cbys., c.l., works..lb. .02¾- —
l.c.l., cbys., works.....lb. .03¼- —
Formate, 30%, solut., bbls., c.l., divd..lb. .13 - —
l.c.l., divd.....lb. .15 - —
Hydrate, heavy, bbls., c.l., works..lb. .0290- —
l.c.l., bbls., works.....lb. .03½- —
bgs., c.l., works.....lb. .0260- —
light, bgs., c.l., divd.....lb. .12 - —
l.c.l., bgs., divd.....lb. .12½- —
bbls., c.l., divd.....lb. .12½- —
l.c.l., bbls., divd.....lb. .13 - —
Oleate, dms., contract.....lb. .17½- —
open order.....lb. .17½- .20
Palmitate, precip., bbls.....lb. .20½- .21½
Resinate, precip., dms., divd.lb. .15 - —
Stearate, precip., bbls., ctns., c.l..lb. .19 - —
l.c.l. .....lb. .20 - —
Sulphate, com'l, bgs., c.l., works, frt. equaled..100 lbs. 1.15 - —
l.c.l., works, frt. equald.. 100 lbs. 1.40 - —
bbls., c.l., works....100 lbs. 1.35 - —
l.c.l., works, frt. equaled. 100 lbs. 1.60 - —
iron-free, bgs., c.l., works, 100 lbs. 1.90 - —
l.c.l., works.....100 lbs. 1.85 - —
bbls., c.l., works....100 lbs. 1.80 - —
l.c.l., works.....100 lbs. 2.05 - —
Aluminum 98-99%, c.l.....lb. .19 - —
l.c.l. .....lb. .20 - —
paste, lining, extra fine, dms., 1,500 lbs..lb. .62 - —
ink, dms., 1,500 lbs.....lb. .72 - —
standard, dms., 1,500 lbs..lb. .39 - —
powder, lining, extra fine, dms., 1,500 lbs.. .91 - —
standard, dms., 1,500 lbs..lb. .56 - —
litho, extra brilliant, dms., 1,500 lbs..lb. .42 - —
extra fine, dms., 1,500 lbs.lb. .44 - —
lining, dms., 1,500 lbs....lb. .56 - —
standard, dms., 1,500 lbs..lb. .56 - —
rubber compound, dms., 1,500 lbs..lb. .39 - —
unpolished, dms., 1,500 lbs., lb. .36 - —
varnish, extra brilliant, dms., 1,500 lbs..lb. .42 - —
extra fine, dms., 1,500 lbs.lb. .44 - —
standard, dms., 1,500 lbs..lb. .39 - —

Aluminum paste and powder prices are 5c. per lb. higher for less than 200 lbs.; 2c. per lb. higher for 200-400 lbs.; and 1c. per lb. higher for 400-1,500 lbs.; for containers smaller than drums, prices are 1c. per lb. higher for 100 lbs.; 1½c. per lb. higher for 50 lbs.; 3c. per lb. higher for 10 lbs.; 5c. per lb. higher for 2 lbs.; 8c. per lb. higher for 1 lb.; and 12c. per lb. for ½ lb.; on single shipments of 5,000 lbs. prices are 1c. per lb. lower; for 30,000 lbs. prices are 2c. per lb. lower. Transportation allowed East of Mississippi.

Ambergris, gray, tins.....oz. 17.00 -26.00
Aminopyrine, 100-lb. dms.....lb. 4.00 - —
5-lb. bots.....lb. 4.22 - 4.25
Ammonia, acetate, bbls., kgs., dvd..lb. .27 - .33
dms.. divd.....lb. .23 - .26
Aldehyde, dms.....lb. .65 - .70
Anhydrous, fertilizer, com'l, tanks (50,000 lbs.), works.lb. .04½- —
refrigeration, tanks, works, lb. .05 - —
pure, cycls., divd., met. N.Y.lb. .16 - —

Anhydrous ammonia in cylinders is quoted on a nationwide schedule of delivered and stock point prices in all States.

Aqua, 26°, cbys.....lb. .05¼- —
dms., c.l. .....lb. .02¾- —
l.c.l. .....lb. .02½- —
tanks (on NH_3 content), f.o.b. works.....lb. .04 - —
Benzoate, dms., 4,000 lbs. or more..lb. .40 - .42
1,000 lbs. to 3,900 lbs....lb. .41 - .43
900 lbs. or less.....lb. .42 - .46
kgs., 4,000 lbs. or more....lb. .40 - —
1,000 lbs. to 3,900 lbs....lb. .41 - —
900 lbs. or less.....lb. .42 - —
Bicarbonate, bbls., divd., Met. N. Y..lb. .0556- —
kgs., same basis.....lb. .0606- —
Bichromate, bbls.....lb. .30 - .32
Bifluoride, bbls.....lb. .14½- .16½
Borate, bbls., kgs.....lb. .15 - .16
Bromide, gran., bbls.....lb. .35 - —
bxs. .....lb. .38 - .39
kegs .....lb. .36 - —
Carbonate, lump, bbls., divd., Met. N. Y..lb. .08 - —
kgs., same basis.....lb. .11 - —
cns., same basis.....lb. .13½- —
powdered, 1c. per lb. higher,
Chloride, tech. (see Ammoniac, sal).
USP, gran., 225-lb. bbls....lb. .12 - .13
100-lb. kgs.....lb. .15 - —
Citrate, 250-lb. bbls.....lb. .75 - —
100-lb. dms.....lb. .80 - —
50-lb. dms.....lb. .82 - —
25-lb. dms.....lb. .85 - —
cns .....lb. .85 - —
Fluoride, bbls.....lb. .17 - .19
Hydroxide (see Ammonia, aqua).
Hypophosphite, dms.....lb. 1.25 - 1.27
jars .....lb. 1.35 - —
Iodide, 5-lb. bots.....lb. 3.71 - —
jars .....lb. 3.65 - —
Linoleate, 80%, anhyd., bbls., lb. .12 - —
Molybdate, kgs., wks.....lb. 1.05 - 1.20
Nitrate, tech., bgs., works, 100 lbs. 4.35 - —
bbls., works.....100 lbs. 4.55 - —
Oleate, dms.....lb. .14 - —

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PURE MOLYBDENUM TRIOXIDE
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MOLY

Ammonia, oxalate, neutral, powd., bbls., kgs..lb. .19 - .20
pure gran.....lb. .32 - —
Perchlorate, kgs.....lb. .17 - .19
Persulphate, kgs., dom.....lb. .21 - .22
imported, kgs.....lb. .18 - —
Phosphate, dibasic, N.F.V., bls., lb. .37 - —
kgs. .....lb. .39 - —
tech., bbls., c.l.....lb. .07½- —
l.c.l. .....lb. .09 - .10
monobasic, crude (fert. grade), 11% N 48% phos., bulk, f.o.b. E. works.. unit-ton. No prices
pure, bbls. .....lb. .40 - .45
tech., bbls., c.l.....lb. .07½- —
l.c.l. .....lb. .09 - .10
Salicylate, U.S.P., kgs.....lb. 1.15 - 1.20
Silicofluoride, imp., bbls., ex-dock N.Y..lb. .11½- .12
Stearate, anhydrous.....lb. .24½- —
paste .....lb. .06½- —
Sulphate, dom., bulk, c.l., f.o.b. shipt..ton.28.00 - —

Ammonia sulphate prices are f.o.b. cars nearest Atlantic or Gulf port, and/or $1 per ton less than above prices f.o.b. cars nearest inland producing oven, whichever is lower to destination.

Sulphide, liquid, 40-45%, basis 160%, dms., c.l., dlvd..lb. .08 - —
l.c.l., works.....lb. .12 - .18
tanks, dlvd.....lb. .07½- —
red, 48%, cbys., works.....lb. .07½- —
dms., works.....lb. .05½- —
yellow, 33%, cbys., works..lb. .07½- —
dms., works.....lb. .05½- —
Sulphocyanide, pure, 99-100%, kgs..lb. .65 - —
Ammoniac, gum (see Gum, ammoniac).
sal, gray, dom., bbls., c.l., 100 lbs. 5.50 - 5.75
l.c.l. .....100 lbs. 6.00 - 6.70
white, gran., dom., bbls., c.l., works..100 lbs. 4.45 - —
l.c.l., same basis...100 lbs. 5.00 - 5.15
import, cakes. ....100 lbs. No prices
Amyl acetate, ex fusel oil, tech., dms., c.l., dlvd..lb. .12½- —
l.c.l., dlvd.....lb. .13 - —
tanks, dlvd.....lb. .11½- —
cns., works.....lb. .17 - .19
ex Pentane, dms., c.l., frt. alld..lb. .10½- —
l.c.l., frt. alld.....lb. .11½- —
tanks, frt. alld.....lb. .09½- —
Alcohol (see Alcohol amyl).
Butyrate, dms., 50 gal., returnable..lb. .75 - —
Caproate, cns.....lb. 2.75 - —
Chloride, normal, dms., works, lb. .56 - —
small lots, works.....lb. .68 - —
mixed, tech., dms., c.l., works..lb. .0665- —
l.c.l., works.....lb. .0665- —
tanks, works.....lb. .0465- —
Nitrite, bots.....lb. 1.80 - 1.85
Mercaptan, dms., l.c.l., works, lb. 1.10 - —
Oleate, dms., l.c.l., works..lb. .25 - —
Salicylate, 5 lbs., bots., 25 dms., l.c.l., works..lb. .26 - —
cns., 25 lbs.....lb. .51 - —
Stearate, dms., l.c.l., works.lb. .26 - —
Amylene, dms., c.l., works....lb. 1.02 - —
l.c.l., works.....lb. .11 - —
tanks, works.....lb. .09 - —
Anethol, bots.....lb. 1.00 - 1.05
Angelica root, dom., bls.....lb. .25 - .30
import, natural, bls.....lb. .70 - .75
twisted bls.....lb. .95 - 1.25
Angostura bark, bls.....lb. .28 - .32
Anisn oil, dms.....lb. .15 - —
l.c.l. .....lb. .16 - —
tanks .....lb. .14½- —
Salt, dms., works.....lb. .22 - .24
Anise, Mexican, bgs.....lb. .13 - .13½
Spanish, bgs.....lb. .27 - .27½
Star, bgs.....lb. .15 - .15½
Anisic aldehyde, bots.....lb. 2.65 - 2.75
Annatto paste, bxs.....lb. .34 - .39
seed, bgs.....lb. .06½- .07
Anthracene, 80-85%, bbls., wks., lb. .55 - —
90%, bbls., wks.....lb. .65 - —
Anthraquinone, 99.5%, subl., bbls., lb. .65 - —
Antimony butter (see Antimony chloride).
Chloride, solut., cbys.....lb. .17 - —
Metal, spot.....lb. .14 Nom.
Needle, powd., kgs.....lb. .18 Nom.
Oxide, bgs., c.l.....lb. .15 - —
l.c.l. .....lb. .15½- —
Salt, 65%, kgs.....lb. .42 Nom.
White pigment, bgs., f.o.b. Laredo, Tex..lb. .13 - .16
Antipyrene, bbls., kgs., ton lots, lb. 2.00 - —
smaller lots.....lb. 2.10 - 2.15
Apomorphine, bots.....oz.23.20 -23.70
Archil extract, con., bbls.....lb. No prices
double, bbls.....lb. No prices
triple, bbls.....lb. No prices
Areca nuts, powd., bbls.....lb. .13 - .16
Arecoline hydrobromide, bots..oz. 5.00 - 6.10
Argols, test 70% to 85%, basis 100%, 100 kgm., purity, 100 kilos. No prices
Arnica flowers, bls.....lb. .40 - .42
Root, bls.....lb. .49 - .51
Arrowroot, St. Vincent, powd. bgs..lb. .09 - .09½
bbls. .....lb. .09½- .10
Arsenic, metal, lump, cs.....lb. No prices
Chloride (arsenous), cns.....lb. 4.85 - —
Iodide (arsenous), 5-lb. bots.lb. 5.50 - —
jars .....lb. 5.43 - —
Red, import, cs.....lb. .17½- .18
Trioxide (see Acid, arsenous).
White, powd., kgs., c.l.....lb. .03 - —
l.c.l. .....lb. .03¾- —
Asafetida, cs.....lb. .45 - .50
powd., bbls., bxs.....lb. .70 - .75
Asbestine (see Talc, N. Y. fibrous).
Asbestos fiber, 5M, bgs., c.l. (20 tons), Canad. mines..ton.42.50 - —
5R, bgs., c.l. (20 tons), Canad. mines..ton.40.00 - —
6D, bgs., c.l. (30 tons), Canad. mines..ton.30.00 - —
7D, bgs., c.l. (30 tons), Canad. mines..ton.25.00 - —
7F, bgs., c.l. (30 tons), Canad. mines..ton.23.00 - —
7H, bgs., c.l. (30 tons), Canad. mines..ton.19.00 - —
7K, bgs., c.l. (30 tons), Canad. mines..ton.16.50 - —
7M, bgs., c.l. (30 tons), Canad. mines..ton.14.00 - —
Asphaltum, Manjak No. 10, crude, tons, f.o.b. plant.....lb. .04½- —
smaller lots, f.o.b. plant, lb. .05½- —
process form, bgs., 20 tons, f.o.b. plant.....lb. .05 - —
smaller lots, f.o.b. plant..lb. .06 - —
California, dms., c.l., f.o.b. N. Y..ton.29.00 - —
l.c.l., f.o.b. N. Y.....ton.36.50 - —
Asphaltum, Cuban A, bgs., c.l., f.o.b. N. Y..ton.60.00 - —
l.c.l., f.o.b. N. Y.....ton.90.00 - —
B, bgs., c.l., f.o.b. N. Y...ton.35.00 - —
l.c.l., f.o.b. N. Y.....ton.55.00 - —
Egyptian, bgs., c.l., f.o.b. N. Y..lb. .12 - —
l.c.l., f.o.b. N. Y.....lb. .15 - —
Gilsonite, brilliant black, bgs., c.l., Western shipt. points.. ton.32.00 - —
seconds, bgs., c.l., Western shipt. points..ton.25.50 - —
selects, bgs., c.l., Western shipt. points..ton.30.50 - —
l.c.l., f.o.b., N. J. or N. Y., whse..ton.51.00 - —
Jet., bgs., c.l., Western shipping points..ton.30.50 - —
Mexican, Texas, dms., c.l., refinery..ton.19.00 - —
l.c.l., refinery.....ton.21.00 - —
tanks, refinery.....ton.16.00 - —
Petroleum, cut-back, bbls., l.c.l., E. cst., refinery..gal. .18 - —
dms., c.l., E. cst., refinery, gal. .12 - —
tanks, Calif., refinery...ton.12.50 -14.00
East Coast, refinery...gal. .06 - .06½
Ill., Ind., refinery.....gal. .06½- —
N. Orleans refinery....gal. .06 - —
Atropine, bots.....oz. 5.75 - 6.00
Sulphate, bots.....oz. 4.00 - 4.75

B

Balm of Gilead buds, bgs.....lb. .45 - .50
Barberry bark, bgs.....lb. .37 - .39
Tree bark, bls.....lb. No prices
Barbital, cs.....lb. 3.50 - 3.60
sodium, cs.....lb. 3.75 - —
Barium carbonate, natural, 90-96%, grd., bgs., c.l., works, ton.45.00 -47.00
99% thru 200 mesh, bgs., c.l.,works..ton.47.00 -49.00
precip., bgs., c.l., works..ton.52.50 - —
Chicago .....ton.55.00 - —
l.c.l., works.....ton.57.50 - —
Chicago .....ton.60.00 - —
bbls., c.l., works.....ton.57.50 - —
Chicago .....ton.60.00 - —
l.c.l., works.....ton.62.50 - —
Chicago .....ton.65.00 - —
sulphur-free, bgs., c.l., works, ton.57.50 - —
l.c.l., works.....ton.62.50 - —
Chlorate, kgs.....lb. .20 - .25
Barium chloride, CP., cryst., bbls..lb. .25 - —
kgs. .....lb. .27 - —
tech., dom., cryst., bgs., c.l., Zone 1, dlvd., New England States, N. Y., N. J., Pa., Md., Va., Ohio, Mich., Ind., Wisc., Ill., Ky. and principal cities on west bank of Miss., north of Ark. line....ton.77.00 - —
bbls., same basis..ton.79.00 - —
l.c.l., bgs., same basis, ton.90.00 - —
bbls., same basis..ton.92.00 - —
Zone 2, bgs., c.l., dlvd., Tenn., N.-S. Carolina, Ga., Ala., Miss., Fla., ton.81.00 - —
bbls., same basis..ton.83.00 - —
l.c.l., bgs., same basis, ton.94.00 - —
bbls., same basis..ton.96.00 - —
Zone 3, bgs., c.l., Minn., Ia., Mo., Col., N. Mex., Idaho, Utah, Ariz. ton.87.00 - —
bbls., same basis..ton.89.00 - —
l.c.l., bgs., same basis, ton.100.00 - —
bbls., same basis..ton.102.00 - —
Zone 4, bgs., c.l., dlvd., Wash., Ore., Calif., Nev..ton.83.00 - —
bbls., same basis..ton.85.00 - —
l.c.l., bgs., same basis..ton.96.00 - —
bbls., same basis..ton.98.00 - —
Dioxide, dms., c.l., works...lb. .10 - —
l.c.l., same basis.....lb. .12 - .15
Fluoride, bbls.....lb. .14 - .15
Fluosilicate, bbls.....lb. .10 - —
Hydrate (see Hydroxide).
Hydroxide, bbls., imp.....lb. .05½ Nom.
dom., works.....lb. .06½- .07
Iodide, bots.....lb. 4.77 - —
jars .....lb. 4.62 - —
Monoxide (see Oxide).
Nitrate, cks.....lb. .09½- .10½
Oxide, dms., c.l., ungrd., works. lb. .08 - —
l.c.l., same basis.....lb. .10 - .12
grd., dms., l.c.l., works..lb. .11 - .15
Peroxide (see Dioxide).
Sulphate, tech. (see Barytes and blanc fixe).
X-ray, bbls.....lb. .09½- .10
kgs. .....lb. .12 - —
Barytes, dom., floated, bbls., c.l., St. Louis..ton.25.15 - —
l.c.l., same basis.....ton.26.15 - —
paper bags, c.l., St. Louis..ton.22.85 - —
l.c.l., same basis.....ton.23.85 - —
ex whse., New York.....ton.31.50 - —
southern off color, bulk, mines, ton.12.00 - —
95.75%, bulk, mines....ton.16.00 - —
ore, bulk, mines.....ton. 7.00 - —
Cuban, crude, c.l., c.i.f.....ton.11.00 - —
German, grd., bbls., c.l., dock, t.a..ton. No prices.
l.c.l., ex whse.....ton. No prices.
ungrd., bulk, c.l., ex dock.ton. No prices.
Italian, grd., bbls., c.l., ex dock, t.a..ton.29.50 Nom.
l.c.l., ex whse. .....ton.32.50 Nom.
Bauxite, bulk, mines.....ton. 7.00 -10.00
Bay leaves (see Laurel leaves).
Bay rum, import, bbls.....lb. .82 - .90
Bayberry bark, bgs.....lb. .14 - .18
Belladonna leaves, bls.....lb. .30 - .35
Root, bls.....lb. .35 - .40
Bentonite, 200 mesh, bgs., Wyo., works..ton.11.00 - —
325 mesh, bgs., Wyo., works, ton.16.00 - —
Benzaldehyde, tech., chys, dms., lb. .55 - .60
USP, X, dms., 50 to 100 lbs..lb. .85 - —
5 to 25 lbs.....lb. .90 - .95
Benzene (see benzol).
Benzidin base, bbls.....lb. .70 - —
Benzol, 90%, dms., returnable, works..gal. .21 - —
tankcars, frt. alld. E. of Omaha, gal. .16 - —
W. Coast, f.o.b. Minnequa, Colo..gal. .16 - —
export .....gal. .17 - —
Benzoyl chloride, cbys.....lb. .23 - .28
Peroxide, pure, gran., fib. ctns., works..lb. 1.95 - —
Benzyl acetate, f.f.c., cns.....lb. .49 - —
dms. .....lb. .44 - —
Alcohol (see Alcohol, benzyl).
Benzoate, a.m.a., f.f.c., cans, lb. .84 - —
dms. .....lb. .80 - —
Chloride, 95.97%, refd., dms., lb. .19 - .21
Cinnamate, cns.....lb. 4.15 - 5.50
Formate, cns.....lb. 2.75 - 3.50
Benzylidineacetone, bots.....lb. 2.00 - 2.50
Berberine bisulphate, cns.....lb.17.25 -17.50
Hydrochloride, cns.....lb.17.25 -17.50
Sulphate, cns.....lb.17.25 -17.50
Berberis root, bls.....lb. .12 - .13
Betanaphthol, sublim., kgs....lb. .60 - —
tech., bbls., c.l., works....lb. .23 - —
l.c.l., bbls., works.....lb. .24 - —
Benzoate, fib., dms.....lb. 2.10 - —
kgs .....lb. 2.00 - —
Betanaphthylamine, tech., kgs.lb. .51 - —
Beth root, bls.....lb. .19 - .21
Bismuth chloride, 5-lb. bots...lb. 3.20 - 3.25
Citrate, USP, VIII, 5-lb. bots., lb. 2.70 - —
jars .....lb. 2.65 - —
Hydroxide, 5-lb. bots.....lb. 3.46 - —
cns. .....lb. 3.35 - —
Metal, ton lots.....lb. 1.25 - —
Nitrate, cryst., 5-lb. bots...lb. 1.45 - —
cans. .....lb. 1.50 - —
Oxychloride, 5-lb. bots.....lb. 3.19 - —
cns., kgs.....lb. 3.10 - —
Subbenzoate, 5-lb. bots.....lb. 3.36 - —
fib. dms.....lb. 1.13 - —
Subcarbonate, bots cns.....lb. 1.82 - 2.06
fib. dms.....lb. 1.73 - 1.76
X-ray, 5-lb. bots.....lb. 3.02 - —
fib. dms.....lb. 2.96 - —
Subgallate, bots., cns.....lb. 1.77 - 2.06
fib. dms.....lb. 1.68 - 1.71
Subiodide, cns.....lb. 4.01 - —
fib. dms.....lb. 3.96 - —
Subnitrate, powd., bots., cns.lb. 1.57 - 1.86
fib. dms.....lb. 1.48 - 1.51
Subsalicylate, 61-66%, bxs...lb. 2.59 - —
bbls., fib. dms.....lb. 2.50 - —
Sulphocarbolate, 5-lb. bots...lb. 3.61 - —
fib. dms .....lb. 3.50 - —
Trioxide, powd., 5-lb. bots...lb. 3.56 - —
cns. .....lb. 3.45 - —
Bismuth-ammonia, citrate, USP, powd., 25-lb. dms..lb. 3.40 - —
5-lb. cns.....lb. 3.45 - 3.50
Bismuth-betanaphthol, 5-lb. bots., lb. 3.14 - —
fib. dms.....lb. 3.05 - —
Black, acetylene, c.l., works, duty paid..lb. .14 - —
Bone, 1A, bbls., bgs., c.l., frt., alld. E..lb. .17 - —
l.c.l., frt. alld. E.....lb. .17½- —
3 bbls., bgs., c.l., frt. alld, E..lb. .10½- —
l.c.l., frt. alld. E.....lb. .11 - —
4, bbls., c.l., frt. alld. E...lb. .09½- —
l.c.l., frt. alld. E.....lb. .10 - —
5, bbls., bgs., c.l., frt. alld. E..lb. .08½- —
l.c.l., frt. alld. E.....lb. .09 - —
6, bbls., c.l., frt. alld. E...lb. .06½- —
l.c.l., frt. alld. E.....lb. .07 - —
7 bbls., bgs., c.l., frt. alld. E..lb. .10 - —
l.c.l., frt. alld. E.....lb. .10½- —
8, bbls., bgs., c.l., frt. alld. E. lb. .11 - —
l.c.l., frt. alld. E.....lb. .11½- —
Bone black prices on Pacific Coast are 1c. per lb. higher, ex dock or ex whse.
Carbon, regular, uncompressed, bgs., c.l., f.o.b. plants. lb. .0280- —
f.o.b. North Atlantic ports, lb. .03675- —
beads, compressed, bgs., c.l., f.o.b. plants..lb. .0265- —
f.o.b. North Atlantic ports, lb. .03525- —
l.c.l., compressed, bgs. or cartons, f.o.b. whse....lb. .06¼- —
dlvd..lb. .06¼- —
uncompressed, bgs. or cartons, f.o.b. whse..lb. .06¾- —
dlvd..lb. .06¾- —
bulk, cars, c.l., f.o.b. plants. lb. .02½- —
f.o.b. New York harbor..lb. .0338- —
Charcoal (see Ch).
Graphite (see G).
Iron oxide, magnetic, 1, pure, bbls., l.c.l., works..lb. .08½- —
2, bbls., l.c.l., works.....lb. .08 - —
Ivory, genuine, bbls.....lb. .30 - —
Lamp, dom., 1, ctns., c.l., works..lb. .07 - —
l.c.l., works.....lb. .08 - —
2, ctns., c.l., works.....lb. .09 - —
l.c.l., works.....lb. .10 - —
2A, ctns., c.l., works....lb. .11 - —
l.c.l., works.....lb. .12 - —
1, ctns., c.l., 3, ctns., c.l., works..lb. .13 - —
l.c.l., works.....lb. .14 - —
4, ctns., c.l., works.....lb. .14 - —
l.c.l., works.....lb. .15 - —
5, ctns., c.l., works.....lb. .17 - —
l.c.l., works.....lb. .18 - —
6, ctns., c.l., works.....lb. .24 - —
l.c.l., works.....lb. .25 - —
7, ctns., c.l., works.....lb. .34 - —
l.c.l., works.....lb. .35 - —
Import, 2, bbls., c.l., f.o.b. N.Y..lb. .08 - —
l.c.l., f.o.b. N. Y.....lb. .09 - —
2 bbls., c.l., f.o.b. N. Y..lb. .11 - —
l.c.l., f.o.b. N. Y.....lb. .12 - —
3, bbls., c.l., f.o.b. N.Y...lb. .13 - —
l.c.l., f.o.b. N. Y.....lb. .14 - —
4, bbls., c.l., f.o.b. N. Y..lb. .14 - —
5, bbls., c.l., f.o.b. N. Y..lb. .19 - —
l.c.l., f.o.b. N. Y.....lb. .20 - —
6, bbls., c.l., f.o.b. N. Y..lb. .24 - —
l.c.l., f.o.b. N. Y.....lb. .25 - —
vine, A, bbls., works or N. Y., lb. .04½- —
B, bbls., works or N. Y...lb. .05½- —
works...lb. .13½- .15½
dms., c.l., frt. alld.....lb. .09 - —
l.c.l., frt. alld.....lb. .09½- —
Black dyes are listed under Dyes.
Black Haw, root bark, bls....lb. .25 - .26
Tree bark, bls.....lb. .16 - .17
Black Indian hemp root, bls..lb. .22 - .25
Blanc fixe, dry, by-product, bgs. c.l., works..ton.50.00 - —
l.c.l., works.....ton.62.50 - —
direct process, bgs., c.l., works, frt. equal.ton.70.00 - —
l.c.l., same basis....ton.75.00 -80.00
pulp, 66⅔%, bbls., c.l., works, ton.35.00 - —
l.c.l., works.....ton.42.50 - —

Ammo. Oxalate—Brown

Bleaching powder, dms., c.l., works..100 lbs. 2.00 - 2.85
l.c.l., works.....100 lbs. 2.25 - 3.35
Blood, dried, dom., 16-16½% ammon., bgs., f.o.b. N. Y., unit-ton. 3.10 - —
high- grade, gr., 16-17 ammon., bulk, f.o.b. Chi., unit-ton. 3.15 - —
import, bgs., c.l.f. ports, shipt., unit-ton. 3.20 - —
soluble (see Albumen, blood).
Bloodroot, bls.....lb. .11 - .12
Bloodroot, bls.....lb. .11 - .12
Blue, alkali, toner, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis, lb. .90 - —

Alkali blue toner prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1½c.), Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft. Worth, 1½c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. Coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.

Bronze, bbls., same basis, alkali toner contracts..lb. .36 - —
open order.....lb. .37 - —
Celestial, bbls.....lb. .10 - .12
Chinese, bbls., same basis, alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Cobalt, genuine, 1-kilo pkg., lb. 4.90 - —
Imitation (see Blue, ultramarine).
Copper, phthalocyanin, bbls., f.o.b. works, frt. alld....lb. 3.50 - 3.75
Milori, bbls., same basis alkali toner, contracts..lb. .33 - —
open order.....lb. .34 - —
Potash, dom., bbls., same basis, alkali toner, contracts.lb. .42 - —
open order.....lb. .42 - —
Prussian, bbls., same basis alkali toner, contracts..lb. .33 - —
open order.....lb. .34 - —
soluble, bbls., same basis, alkali toner, contracts.lb. .36 - —
open order.....lb. .37 - —
Tungstated, peacock, kgs....lb. 3.75 - —
Victoria, kgs.....lb. 3.25 - —
Ultramarine, dry or pulp, cobalt grades, bbls., works, frt. equal..lb. .22 - .24
jobbing grades, bbls., same basis..lb. .11 - —
regular grades, bbls., same basis..lb. .16 - .27
Blue, ultramarine, blue dlvd., ex whse., is 1c. higher; Pac. Coast ex whse., 2c., higher; 100-lb. kgs., 1c. above bbls.; 28-lb. boxes 5c. above bbls.
Victoria, ink toner, bbls., same basis alkali toner..lb. 1.85 - —
Blue dyes are listed under Dyes.
Bluefag root, bls. .....lb. .13 - .14
Blue mass, USP, cns.....lb. 1.57 - 1.59
powd., cns.....lb. 1.60 - 1.62
Bluestone (see Copper sulphate)
Blue vitriol (see Copper sulphate)
Bone, raw, dom., 4½% ammon., 50% phos., bgs., f.o.b. Chicago..ton.32.00 -33.00
Import, bgs., c.l.f. ports..ton.31.00 - —
Meal, steamed, dom., 3% ammon., 50% phos., bgs., f.o.b. Chicago..ton.32.00 - —
import, 100-lbs., bgs., c.i.f., ports, ship..ton.32.00 - —
Phosphate, precip. (see Calcium phosphate dibasic. precip.)
Steamed, dom., 1¼% ammon., 60% phos., bgs., f.o.b. Chicago..ton.29.00 -30.00
import, 1% ammon., 65-70% phos., bgs., c.i.f. ports..ton.34.50 - —
Boneset leaves, bales.....lb. .08 - .09
Borage flowers, bales.....lb. .20 - .25
Borax, tech., 99½%, cryst., bbls., contracts, 80 tons min., dlvd..ton.58.00 - —
l.c.l., ex whse.....ton.67.00 -72.00
sks., contracts, 80 tons min., dlvd..ton.48.00 - —
l.c.l., ex whse.....ton.57.00 -62.00
gran., bbls., contracts, 80 tons min., dlvd..ton.53.00 - —
l.c.l., ex whse.....ton.64.00 -69.00
sks., contracts, 80 tons min., dlvd..ton.43.00 - —
l.c.l., ex whse.....ton.54.00 -59.00
powd., bbls., contracts, 80 tons min., dlvd..ton.58.00 - —
l.c.l., ex whse.....ton.69.00 -74.00
sks., contracts, 80 tons min., dlvd..ton.48.00 - —
l.c.l., ex whse.....ton.59.00 -64.00
USP, $15 per ton higher.
Bordeaux mixture, dms., c.l., dealers..lb. .11 - —
l.c.l., dealers, dms..lb. .11½- —

Bordeaux mixture prices are works or whse. basis, frt. alld. to dest. in lots 96 lbs. and over, no trucking or freight allowances for works or warehouse pick-ups.

Borneol, bots.....lb. 1.75 - 2.00
Brazilwood extract (see Hypernic).
Brimstone (see Sulphur).
Bromine, purif., cs., 1,000 lbs., frt. alld. E. of Rockies..lb. .30 - —
single pkg., sams basis.lb. .35 - —
Bromoform, USP, bots.....lb. 1.40 - 1.60
Bromstyrol, bots.....lb. 3.50 - 3.75
Bronze powder, aluminum (see A).
Gold, litho, cns., dms., over 10 lbs..lb. .60 - .65
moulding, cns., dms., over 10 lbs..lb. .80 - 1.00
printing ink, cns., dms., over 10 lbs..lb. .85 - 1.20
radiator, cns., dms., over 10 lbs..lb. .45 - .50
Broomtops, bls.....lb. .11 - .12
Brown, iron oxide, pure precip., cks., f.o.b. N.Y..lb. .11¼- —
Metallic, iron oxide, bbls., wks., lb. .02½- —
paper bags., c.l., works.....lb. .0210- —
Sienna, burnt, American, bbls., f.o.b. works..lb. .03½- —
Italian, Group 1, bbls., f.o.b. N.Y. or Pa. points..lb. .12½- —
2, bbls., same basis...lb. .11½- —
3, bbls., same basis...lb. .10½- —
4, bbls., same basis...lb. .09 - —
5, bbls., same basis...lb. .09 - —
6, bbls., same basis...lb. .08½- —
7, bbls., same basis...lb. .08¼- —
8, bbls., same basis...lb. .08 - —
9, bbls., same basis...lb. .07½- —
10, bbls., same basis...lb. .07½- —
11, bbls., same basis...lb. .07 - —
12, bbls., same basis...lb. .06½- —
13, bbls., same basis...lb. .06¼- —
14, bbls., same basis...lb. .05¾- —

Brown—Crotonaldehyde

Brown, Sienna, raw, American, bbls., f.o.b. works	lb.	.02⅞	—
Italian, Group 1, bbls., f.o.b. N.Y. or works	lb.	.12¾	—
2, bbls., same basis	lb.	.11¼	—
3, bbls., same basis	lb.	.12¾	—
4, bbls., same basis	lb.	.09¾	—
5, bbls., same basis	lb.	.09¼	—
6, bbls., same basis	lb.	.08¾	—
7, bbls., same basis	lb.	.09	—
8, bbls., same basis	lb.	.07¼	—
9, bbls., same basis	lb.	.07	—
10 bbls., same basis	lb.	.06¼	—
11, bbls., same basis	lb.	.05¼	—
Umber, American, bbls., works,	lb.	.03½	—
Turkey, bbls., l.c.l., f.o.b. Bethlehem, Easton, Pa., N. Y.	lb.	.04¼	—
St. Louis	lb.	.04¾	—
ex car Los Angles	lb.	.05	—
ex whse., Los Angeles, Portland, San Francisco, Seattle	lb.	.05½	—
Boston	lb.	.04½	—
Chicago, Indianapolis, New Orleans	lb.	.05	—
ex whse., Kansas City	lb.	.05½	—
Los Angeles, Portland, San Francisco, Seattle	lb.	.04¾	—
Minneapolis	lb.	.0510	—
Pittsburgh	lb.	.04¾	—
Vandyke, bbls., l.c.l.	lb.	No prices	
Walnut crystals, bbls.	lb.	.06½	—
Brucine, 100 oz., cns.	oz.	.15	—
Sulphate. 100 oz., cns.	oz.	.12	—
Bryonia root, bls.	lb.	.15	.16
Buchu leaves, bls.	lb.	.75	.80
Buckthorn bark, true, bls.	lb.	.25	.30
cut and sifted, bbls.	lb.	.28	.33
Berries, bgs.	lb.	.25	.30
Burdock root, bls.	lb.	.14	.15
Burgundy pitch, dom., dms.	lb.	.05½	.06
Butane, coml., 16-34°, tanks, group 3	gal.	.02½	.03
Butternut bark, bls.	lb.	.07	.09
Butyl acetate, norm., cns., wks.,	lb.	.14½	.16¼
dms., c.l., frt. alld.	lb.	.10	—
l.c.l., frt. alld.	lb.	.10¼	—
tanks, frt. alld.	lb.	.09	—
tankwagons, frt. alld.	lb.	.09½	—
contract prices 1c. per gal. less.			
secondary, dms., c.l., frt. pd. E. of Miss. R.	lb.	.07½	—
dms., l.c.l., same terms.	lb.	.08	—
tanks, same terms	lb.	.06½	—
Alcohol (see Alcohol):—			
Aldehyde, dms., c.l., works.	lb.	.15½	—
l.c.l., works	lb.	.16½	.17½
tanks, works	lb.	.14½	—
Carbinol (see Carbinol).			
Chloride, normal, dms., c.l., works.	lb.	.20	—
l.c.l.	lb.	.23	—
Crotonate, normal, 55-gal. dms., dlvd.	lb.	.35	—
5-gal. cns.	lb.	.75	—
1-gal. cns.	lb.	1.00	—
Ether (see under Ether).			
Lactate, dms.	lb.	.23¼	—
Propionate, dms., dlvd.	lb.	.16½	.17
tanks	lb.	.15½	—
Stearate, dms.	lb.	.28½	—
Butyric ether, bots.	gal.	6.60	6.95
cns., works	lb.	.65	.70
dms., frt. alld. Met. N. Y.	lb.	.60	—

C

Cadmium, bromide, 25-lb. jars, 50 lbs. or more	lb.	1.56	—
single jars	lb.	1.61	—
5-lb. bots.	lb.	1.75	—
Iodide, 5-lb. bots.	lb.	4.19	—
25-lb. cns.	lb.	4.05	—
Lithopone (see Yellow).			
Metal, pat., shapes, cs.	lb.	.85	—
ingots or sticks	lb.	.80	—
Red (see Red).			
Selenide (see Red).			
Sulphide (see Yellow).			
Caffeine, 100-lb. dms., 10,000 lbs. or more	lb.	2.20	—
2,000 lbs. or more	lb.	2.25	—
1,000 lbs. or more	lb.	2.30	—
100 lbs.	lb.	2.35	—
25-lb. dms., 10,000 lbs. or more	lb.	2.23	—
2,000 lbs. or more	lb.	2.28	—
1,000 lbs. or more	lb.	2.33	—
100 lbs.	lb.	2.43	—
25 lbs.	lb.	2.55	—
10-lb. cans, 10,000 lbs. or more	lb.	2.25	—
2,000 lbs. or more	lb.	2.30	—
1,000 lbs. or more	lb.	2.35	—
100 lbs.	lb.	2.40	—
less than 100 lbs.	lb.	2.75	—
5-lb. cans, 25 lbs. or more	lb.	2.70	—
less than 25 lbs.	lb.	2.85	—
Citrated, cns.	lb.	1.80	2.10
Hydrobromine, bots.	lb.	4.91	4.99
Calabar beans, bgs.	lb.	.27	.28
Calamus root, peeled, N.F., cs.,	lb.	.28	.30
bleached, bls.	lb.	1.00	1.25
Calcium acetate, bgs., dlvd., 100 lbs.		1.90	—
Arsenate, bgs., c.l., E. of Rockies	lb.	.06	—
l.c.l.	lb.	.06½	.07
Calcium arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for plant or whse. pick-up.			
Bromide, 100 lbs., works, frt. equaled	lb.	.70	—
50 lbs., works	lb.	.72	—
25 lbs., works	lb.	.75	—
Carbide, dms., c.l., dlvd.	lb.	4.75	—
l.c.l., f.o.b. warehouse	lb.	4.85	—
Carbonate (see Chalk and Whiting).			
Chloride, flake, dom., 77-88%, bgs., dms., c.l., dlvd.	ton.	22.00	-35.00
l.c.l., 1 ton or over, dlvd., 100 lbs.		1.70	2.35
liquor, basis 40%, tanks, works	ton.	7.50	—
solid, dom., 73-75%, bgs., dms., c.l., dlvd.	ton.	20.00	-33.00
l.c.l., 1 ton or over, dlvd., 100 lbs.		1.60	2.20
Gluconate, USP, gran., powd., 150-lb. bbls.	lb.	.50	—
dms.	lb.	.55	.57
cns.	lb.	.68	.85
Glycerophosphate, fib., dms., 1,000-lb. lots	lb.	1.10	—
smaller lots	lb.	1.25	—
cns., 25 lbs.	lb.	1.50	—
Hypophosphite, cns.	lb.	.62	.67
Iodide, bots., jars	lb.	4.04	4.19
Lactate, USP, bbls., 200 lbs.	lb.	.23	—
Nitrate, bgs., to fert. mfrs., ex vessel Atlantic or Gulf ports	ton.	29.00	—
Calcium palmitate, bbls.	lb.	.22	.24
Phosphate, dibasic, precip., 38-40% P_2O_5, bgs., c.i.f., Atlantic ports, shipt.	unit-ton.	No prices	
tribasic, c.l., bbls., works	lb.	.0635	—
l.c.l., bbls.	lb.	.0705	—
Resinate, precip., bbls., 1 ton,	lb.	.13	—
smaller lots	lb.	.14	—
Stearate, precip., bbls., ctns., c.l.	lb.	.20½	—
l.c.l., 1 ton	lb.	.22½	—
Sulphate (see Gypsum).			
Sulphide, 70%, CaS., bgs., c.l., works	ton.	46.00	—
60%, CaS., bgs., c.l., wks.	ton.	51.00	—
luminous, dom., tins, works, 100 lbs.	lb.	1.25	—
Sulphocarbolate, bbls., 200 lbs.,	lb.	.47	.48
kgs., 100 lbs.	lb.	.50	—
Calendula flowers, bls.	lb.	.35	.40
Calomel, bbls., fib., dms., kgs., 50 lbs. or more	lb.	2.70	—
Camphor, natural, powd., cs.	lb.	.83	.84
slabs, cs.	lb.	.83	.84
tablets, tins	lb.	.88	.89
synth., dom., tech., bbls., contract, 2,000 lbs. or more, works	lb.	.35	—
smaller lots, works	lb.	.40	—
USP, or import., gran. powd., bbls., 2,000-lb. lots	lb.	.55	—
1,000-lb. lots	lb.	.56	—
smaller lots	lb.	.57	—
tablets, 2,000-lb. lots	lb.	.68	—
1,000-lb. lots	lb.	.69	—
smaller lots	lb.	.70	—
Monobromate, bxs., kgs.	lb.	2.00	2.05
Canada balsam (see Fir balsam).			
Canary seed, Argentina, bgs.	lb.	.03¾	.03¾
Morocco, bgs.	lb.	.0340	.0370
Turkish, bgs.	lb.	.0340	.0370
Canella alba bark, bls.	lb.	.45	.50
Cantharides, Chinese, cs.	lb.	.90	.95
powd., bxs.	lb.	1.10	1.15
Russian, cs.	lb.	2.25	2.30
powd., bxs.	lb.	2.50	2.55
Capsicum (see Pepper, red).			
Caraway seed, Dutch, bgs.	lb.	.12½	.13
Russian, bgs.	lb.	.11½	.12
Carbazole, 95%, dms., ton lots, works	lb.	.70	—
smaller quantities, works	lb.	.80	—
98%, dms., ton lots, works	lb.	.75	—
smaller quantities, works	lb.	.85	—
Diethyl, dms., works	lb.	.60	—
small lots, works	lb.	.75	—
Carbinol, butyl, norm., dms.,	lb.	.60	—
Dimethylethyl, dms., works	lb.	.60	—
small lots, works	lb.	.75	—
Isobutyl, 128-132°, dms., c.l., works	lb.	.33	—
l.c.l., works	lb.	.34	—
tanks, works	lb.	.32	—
Carbon bisulphide, 55-gal. dms., c.l., frt. all'd. E. of Miss. R., N. of Ohio R.	lb.	.05	—
l.c.l., same basis	lb.	.05¾	—
5-gal. dms., c.l., same basis,	lb.	.07	.07½
l.c.l., same basis	lb.	.08	.08½
Dioxide, cyls.	lb.	.06	.08
Tetrachloride, Zone 1, 52½-gal. dms., c.l., frt. alld.	gal.	.66½	—
l.c.l., frt. alld.	gal.	.73	—
5 or 10-gal. dms., c.l., frt. alld.	gal.	.90	—
l.c.l., frt. alld.	gal.	1.06	—
Zone 2, 52½-gal. dms., c.l., frt. alld.	gal.	.73	—
l.c.l., frt. alld.	gal.	.80	—
5 or 10-gal. dms., c.l., frt. alld.	gal.	.97	—
l.c.l., frt. alld.	gal.	1.07	—
Zone 3, 52½-gal. dms., c.l., frt. alld.	gal.	.87	—
l.c.l., frt. adll.	gal.	.93	—
5 or 10-gal. dms., c.l., frt. alld.	gal.	1.10	—
l.c.l., frt. alld.	gal.	1.20	—
Zone 4, 52½-gal. dms., c.l.	gal.	.83	—
l.c.l.	gal.	.90	—
5 or 10-gal. dms., c.l.	gal.	1.07	—
l.c.l.	gal.	1.17	—

All prices on carbon tetrachloride are frt. alld. with the exception of Zone 4, in which case the prices indicated are based on f.o.b. cars, L. A., Cal.; S. F., Cal.; Portland, Ore., and Seattle, Wash. All packages are inclusive and not returnable. Zone 1, includes the following States:—Me., N. H., Vt., Mass., Ct., R. I., N. Y., N. J., Pa., Md., Del., Va., W. Va., N. C., Tenn., O., Ind., Mich., Ill., Wis., Minn., Ia., Mo., also the river towns of Burlington, Ia., and Kansas City, Kan. Zone 2 includes N. D., S. D., Neb., Kan., Okla., Ark., La., Miss., Ala., Ga., S. C. and Fla. Zone 3 includes that portion of Montana east of Billings and the states of Wyoming, Colo., N. M. and Texas. Zone 4 includes Wash., Idaho, Montana, Ore., Cal., Nev., Utah and Arizona.

Cardamom, bleached, cs.	lb.	1.00	1.35
decorticated, cs.	lb.	.75	.78
green, bgs.	lb.	.65	.68
Carob bean flour (see Gum, Locust bean).			
Carvol, bots.	lb.	4.00	4.25
Cascara sagrada bark, bulk	lb.	.16	.18
Case-hardening mixture, 30% lump, dms., l.c.l.	lb.	.09	—
Casein, dom., 20-30 mesh, bgs., c.l., dlvd.	lb.	.10	.11
5 tons, works	lb.	.11½	.12½
smaller lots, works	lb.	.16	.17
80-100 mesh, bgs.	lb.	.10½	.11½
5 tons, works	lb.	.12	.13
smaller lots, works	lb.	.16½	.17½
import, Argent., 20-30 mesh, bgs., c.l., duty pd.	lb.	.10	.11
80-100 mesh, bgs., c.l., duty paid.	lb.	.10½	.11½
French, 30 mesh, bgs., c.l., duty paid.	lb.	.14½	.15
New Zealand, 20-30 mesh, c.l., bgs., duty paid.	lb.	.14	.15
Cassia, Batavia, No. 1, bls.	lb.	.16½	.17
shortstick, bls.	lb.	.13¾	.14¼
broken, bls.	lb.	.12	.12½
China, rolls, select, bls.	lb.	.10	.10¼
broken, extra, bls.	lb.	.08¾	.09¼
Saigon, bls.	lb.	.16½	.17
Cassia buds, cs.	lb.	.13	.13½
Cassia fistula, bskts.	lb.	.12	.13
Castile soap, Italian, white, bars, 40-lb. cases	case.	14.00	—
powd., bbls.	lb.	.33	.36
Castoreum, nat., cns.	lb.	15.00	-18.00
synth., bots.	lb.	19.00	—
Castor beans, Brazilian, f.o.b. shipt. ports	ton.	95.00	-96.00
Oil (see Oil, castor).			
Pomace, dom., 6¼% ammon., bgs., c.l., works	ton.	17.50	—
import, bgs., c.i.f. ports, shipment	ton.	20.00	—
Celery seed, French, bgs.	lb.	.21	.21½
Indian, bgs.	lb.	.13	.13½
Celluloid scrap (see Pyroxylin scrap).			
Cellulose, acetate, flake, gran., frt. alld.	lb.	.33	—
Acetate-butyrate, high (20-40% butyryl content), 100-lb. ctn., 5,000 lbs. and up, frt. alld.	lb.	.45	—
Cellulose acetate—butyrate, high (20-40% butyl content), 1,000-4,900 lbs., frt. alld.	lb.	.46	—
100-900 lbs., frt. alld.	lb.	.47	—
smaller pkg., works	lb.	.48	—
low (up to 9.9%), 100-lb. ctn., 5,000 lbs. and up, frt. alld.	lb.	.41	—
1,000-4,900 lbs., frt. alld.	lb.	.42	—
100-900 lbs., frt. alld.	lb.	.43	—
smaller pkg., works	lb.	.44	—
medium (10-10.9%), 100-lb. ctn., 5,000 lbs. and up, frt. alld.	lb.	.43	—
1,000-4,900 lbs., frt. alld.	lb.	.44	—
100-900 lbs., frt. alld.	lb.	.45	—
smaller pkg., works	lb.	.46	—
Acetate-propionate, high (20-40% propionyl content), 100-lb. ctn., 5,000 lbs. and up, frt. alld.	lb.	.45	—
1,000-4,900 lbs., frt. alld.	lb.	.46	—
100-900 lbs., frt. alld.	lb.	.47	—
smaller pkg., works	lb.	.48	—
low (up to 9.9%), 100-lb. ctn., 5,000 lbs. and up, frt. alld.	lb.	.41	—
1,000-4,900 lbs., frt. alld.	lb.	.42	—
100-900 lbs., frt. alld.	lb.	.43	—
smaller pkg., works	lb.	.44	—
medium (10-19.9%), 100-lb. ctn., 5,000 lbs. and up, frt. alld.	lb.	.43	—
1,000-4,900 lbs., frt. alld.	lb.	.44	—
100-900 lbs., frt. alld.	lb.	.45	—
smaller pkg., works	lb.	.46	—
triacetate, flake, frt. alld.,	lb.	.33	—
Cerium hydrate, dms., works	lb.	.60	—
oxalate, USP, bbls., works	lb.	.35	—
kgs., works	lb.	.37	—
Chalk, precip., extra light, light, heavy, bgs., 50 lbs., c.l., f.o.b. works	lb.	.02¾	—
cks., 250 lbs., c.l., f.o.b. works	lb.	.03¼	—
Chamomile flowers, Hungarian, genuine, cs.	lb.	.35	.40
Roman, bls.	lb.	.45	.50
Charcoal, softwood, gran., bgs., c.l., dlvd., Ala., Del., Ga., Ky., Md., Miss., N. J., N. Y., N. C., S. C., Tenn., Va., W. Va.	ton.	32.40	—
Colo.	ton.	29.00	—
Conn., Me., Mass., N. H., R. I., Vt.,	ton.	32.80	—
c.l., dlvd., Ill. (except river point), Minn., Neb., Wis.	ton.	27.00	—
Indiana	ton.	28.00	—
Mo., Okla., Tex. (except El Paso)	ton.	25.00	—
Kansas, El Paso, Tex.	ton.	26.00	—
Michigan	ton.	29.80	—
Ohio	ton.	29.80	—
Penn.	ton.	31.80	—
Utah	ton.	66.00	—
Willow, powd., bbls.	lb.	.06	.07
Chestnut extract, clarif., 25% tan., bbls., c.l., works	lb.	.02½	—
l.c.l., bbls., works	lb.	.02¾	—
tanks, works	lb.	.01¾	—
Chillies (see Pepper, red).			
China clay, dom., dry-grd., air-float, 99.75%, 300 mesh, bgs., c.l., works	ton.	9.50	—
l.c.l., works	ton.	10.00	-16.00
bulk, c.l., works	ton.	7.60	—
200 mesh, bgs., c.l., works	ton.	8.50	—
l.c.l., works	ton.	9.50	-15.50
wet-grd., silk-bolt, 99.9%, 325 mesh, bulk, c.l., works	ton.	9.50	—
paper bgs., c.l., works.	ton.	12.50	—
import, white, lump, bulk, c.l., ex dock, Balto., Boston, Norfolk, Phila.	ton.	26.00	Nom.
powd., cks., l.c.l., ex dock,	ton.	39.00	Nom.
ex whse.	ton.	42.00	Nom.
Chloral hydrate, bots., 1,000 lbs.,	lb.	.93	1.02
500 lbs.	lb.	.96	1.05
100 lbs.	lb.	.98	1.07
25 lbs.	lb.	1.00	1.09
1-10 lbs.	lb.	1.05	1.12
dms., 1,000 lbs.	lb.	.90	—
500 lbs.	lb.	.93	—
100 lbs.	lb.	.95	—
Chlorinated rubber, standard, c.l., bgs., works	lb.	.32	—
75 lbs., bgs.	lb.	.35	—
smaller lots, bgs.	lb.	.38	—
Chlorine, liq., cyls., c.l., dlvd., N. Y.	lb.	.05¼	—
contracts, dlvd., N. Y.	lb.	.05¼	—
l.c.l., dlvd., N. Y.	lb.	.07¼	—
tanks, single unit, works, frt. equald.	100 lbs.	1.75	—
multiple unit, 3 or over, works, frt. equald.	100 lbs.	1.90	—
2, works, frt. equald.,	100 lbs.	2.15	—
1, works, frt. equald.,	100 lbs.	2.60	—
Chloracetophenone, tins, works.	lb.	3.00	3.50
Chloroform, tech., 650-lb. dms.	lb.	.20	—
100-lb. dms.	lb.	.22	—
50-lb. dms.	lb.	.23	—
USP, 650-lb. dms.	lb.	.30	—
100-lb. dms.	lb.	.32	—
50-lb. dms.	lb.	.33	—
Chloropicrin, com'l, 180-lb. cyls., works	lb.	.80	—
100-lb. cyls., works	lb.	.85	—
5-25-lb. cyls., works	lb.	1.00	1.15
Chrome acetate, powd., 24%, bbls., dlvd.	lb.	.13¼	—
solut., 8½%, cs., bbls.	lb.	.05¾	—
Cake, bulk, c.l., works	ton.	16.00	—
Green (see Green, chrome).			
Oxide (see Green, chrome).			
Sulphate, pearls, dms., 100 lbs.,	lb.	.40	—
powd., dms., 100 lbs.	lb.	.45	—
scale, dms., 100 lbs.	lb.	.45	—
Trioxide (see Acid, chromic).			
Yellow (see Yellow, chrome).			
Chrysarobin, 5-lb. bot.	lb.	5.00	—
Cinchona bark, quill, USP, 10 in., medium, cs.	lb.	.70	.75
20 in., thick, cs.	lb.	.70	.75
20 in., medium, cs.	lb.	.30	.35
USP, broken quill, red, bgs.,	lb.	.27	.28
yellow, bgs.	lb.	.27	.28
Cinchonidine, crys., small cns., 100 ozs.	oz.	.86	—
large, cns.	100 ozs.	.90	—
powd., cns.	100 ozs.	.83	—
Sulphate, N.F., cns.	100 ozs.	.50	—

Cinchonidine buyers must pay a surcharge of 3c. per oz., to cover present war risk insurance, higher ocean freight rates, and additional expenses over the cost of usual business. Changes in these controlling factors will be reflected in the surcharge invoiced.

Cinchonine, crys., small, cns., 100 ozs.	oz.	.58	—
large, cns.	100 ozs.	.62	—
powd., cns.	100 ozs.	.54	—
Sulphate, N.F., cns.	100 ozs.	.38	—

Cinchonine buyers must pay a surcharge of 3c. per oz., to cover present war risk insurance, higher ocean fright rates and other expenses ove the cost of usual business. Changes in these controlling factors will be reflected in the surcharge invoiced.

Cinchophen, USP, 5-lb. bxs.,	lb.	3.90	—
1 lb., bots.	lb.	3.42	—
100 lbs., dms.	lb.	3.15	—
Cinnamic alcohol (see Alcohol, cinnamic).			
Aldehyde, f.c.c., cbys.	lb.	.85	.90
Cinnamon, Ceylon, 2 bls.	lb.	.18¼	.19
3 bls.	lb.	.16½	.17
Citral, bots., cns.	lb.	1.40	3.10
Citrine ointment, jars.	lb.	.95	.97
Citronellal, bots., dms.	lb.	.75	.80
Citronellol, bots., dms.	lb.	1.60	1.85
Clove, Amboyna, bgs.	lb.	.24	.25
Madagascar, bls.	lb.	.15¾	.16
Zanzibar, bls.	lb.	.15¾	.16
Clover tops, bgs.	lb.	.32	.35
Coaltar, coal-gas, crude, bbls., c.l., works	bbl.	7.50	7.75
l.c.l., works	bbl.	8.25	8.50
tanks, works	gal.	.07¼	.09
refd., bbls., c.l., works	bbl.	8.00	8.25
l.c.l., works	bbl.	8.75	9.00
tanks, works	gal.	.08½	.10
water-gas, crude, dms., c.l., works	dm.	7.50	—
l.c.l., works	dm.	8.25	—
refd., dms., c.l., works	dm.	8.00	—
l.c.l., works	dm.	8.75	—
Cobalt acetate, bbls., kgs., dlvd.,	lb.	.71	—
Carbonate, powd., bgs., works,	lb.	1.38	—
Chloride, kgs., wks.	lb.	.76	.80
Hydrate, bbls.	lb.	1.78	—
Linoleate, paste, 5%, dms.	lb.	.31	—
solid, 8½% bbls.	lb.	.33	—
Oleate, bbls.	lb.	.25	Nom.
Oxide, black, kgs.	lb.	1.84	—
Resinate, fused A, bbls.	lb.	.13½	—
1%, bbls.	lb.	.13	—
2%, bbls.	lb.	.14	—
3½%, bbls.	lb.	.17½	—
precip., dms., dlvd.	lb.	.34	—
Sulphate, dms.	lb.	.65	—
Cocaine, hydrochloride, 100 ozs.,	oz.	9.75	—
Cochineal, gray, bgs.	lb.	.87	.88
Teneriffe, silver, bgs.	lb.	.38	.39
Cocoa butter, bulk, c.l., bgs.	lb.	.13	.13½
Cocillana bark, bgs.	lb.	.35	.40
Codeine, cns., 100 ozs.	oz.	11.70	—
Hydrochloride, cns., 100 ozs.	oz.	10.50	—
Phosphate, cns., 100 ozs.	oz.	9.00	—
Sulphate, cns., 100 ozs.	oz.	9.50	—
Codliver oil (see Oil, codliver).			
Cohosh, black, root, bls.	lb.	.07	.08
Blue, root, bls.	lb.	.07	.08
Colchicine, bots., cns.	oz.	20.00	-25.00
Colchicum seed, bgs.	lb.	.40	.45
Collodion, USP, dms., 325 lbs.	lb.	.12½	—
cns., 25 lbs.	lb.	.16	—
flexible, USP, dms., 325 lbs.	lb.	.14½	—
cns., 25 lbs.	lb.	.18	—
Colocynth pulp, bls.	lb.	.55	.56
Colombo root, bls.	lb.	.15	.16
Coltsfoot leaves, bgs.	lb.	.15	.16
Condurango bark, bgs.	lb.	.12	.13
Conium leaves, bls.	lb.	.30	.32
Copaiba balsam, Para, cns.	lb.	.30	.33
S. A., USP, cns.	lb.	.36	.37
Copper acetate, normal, bbls., dlvd.	lb.	.22	—
smaller containers, dlvd.	lb.	.24	—
Carbonate, 52-54%, bbls.	lb.	.1610	—
Chloride, cryst., bbls.	lb.	.16	—
Cyanide, tech., bbls.	lb.	.34	Nom.
Iodide, bots.	lb.	5.15	5.19
Metal, electrolytic.	lb.	.11½	—
Nitrate, cryst., bbls.	lb.	.16¼	—
Oleate, precip., bbls.	lb.	.20	—
Oxide, black, 79-80%, bbls., tons, works	lb.	.18¾	Nom.
Red, com'l., 80-88%, kgs., f.o.b. N.Y.	lb.	.20	Nom.
Resinate, precip., bbls.	lb.	.15	.16
Stearate, precip., bbls.	lb.	.24½	.25½
Sulphate, 99% cryst., bbls., c.l., f.o.b. works	100 lbs.	4.60	—
l.c.l., 16-50 bbls., same basis, 100 lbs.		4.75	—
6-15 bbls., same basis, 100 lbs.		4.95	—
1-5 bbls., same basis, 100 lbs.		5.20	—
monohydrated, dms., c.l., dealers, f.o.b. works	100 lbs.	9.15	9.35
l.c.l. dealers	100 lbs.	10.15	-10.35
Copperas, cryst., gran., bgs., c.l., works	ton.	18.00	—
bbls., c.l., works	ton.	20.00	—
l.c.l., 25 or over, works, 100 lbs.		1.55	—
5-24, works	100 lbs.	1.65	—
1-4, works	100 lbs.	2.00	—
bulk, c.l., works	ton.	14.00	—
Copra, Coast, shipt.	lb.	.0165	Nom.
Coriander seed, Morocco, bgs.	lb.	.04¼	.04½
bleached, bgs.	lb.	.06¾	.07½
Corn sugar, Tanner's chipped, bgs., c.l., dlvd.	100 lbs.	3.19	—
slabs, bbls., c.l.	100 lbs.	3.11	—
solid, bbls., c.l.	100 lbs.	3.23	—
Syrup, 42°, bbls., c.l.	100 lbs.	3.22	—
43°, bbls., c.l.	100 lbs.	3.27	—
Cornsilk, bls.	lb.	.11	.12
Corrosive sublimate, cryst., dms., 50 lbs. or more	lb.	2.19	—
gran., powd., dms., 50 lbs. or more	lb.	2.04	—
Cottonroot bark, bls.	lb.	.11	.12
Cottonseed hull ash, 32-36% pot-ash, bgs., dlvd., unit-ton.		1.10	—
Coumarin, 5 lbs., or more, 25-lb. cns.	lb.	2.75	3.00
5-lb. cns.	lb.	2.85	3.10
1-lb. cns.	lb.	3.00	3.25
1-oz. cns.	lb.	3.35	3.60
less than 5 lbs., cns.	lb.	4.15	4.65
Cramp, bark, genuine, bls.	lb.	.23	.24
so-called, bls.	lb.	.06	.07
Cranesbill root, bls.	lb.	.16	.18
Cream tartar, gran. or powd., bbls., 5,000 lbs., one shipm't,	lb.	.80¾	—
smaller lots, bbls.	lb.	.81¼	—
kgs.	lb.	.81¾	—
Creosote, beechwood, bots.	lb.	.70	.75
Hardwood, USP, bots.	lb.	.45	.47
Pine, dms.	gal.	.28	—
Carbonate, bots., cbys.	lb.	1.40	1.75
Oil, crude, tanks, works	gal.	.13½	.14¼
Coaltar, solution, tanks, works.	gal.	.122	.132
refd., bbls., l.c.l., works.	gal.	.25	—
tanks, works	gal.	.18	.18¼
Cresol, USP, dms., c.l., works.	lb.	.09¾	—
l.c.l., same basis	lb.	.10¼	—
special resin grade, dms., c.l., works.	lb.	.08¾	—
l.c.l., same basis	lb.	.09¼	—
Crotonaldehyde, 97%, 55 and 110 gal. c.l., works.	lb.	.11	—
l.c.l., works	lb.	.12	—
5 and 10 gal. dms., works.	lb.	.15	—

Cube root, powd., 5% rotenone, bbls., f.o.b. N.Y.C., frt. equaled, with shipments from Newark and Balto. Prices for Pacific Coast are plus frt., 10,000 lbs. or more..lb. .24 - .25
2,000 lbs. to 10,000 lbs..lb. .25 - .26
1,000 lbs. to 2,000 lbs..lb. .26 - .27
200 lbs. to 1,000 lbs.....lb. .27 - .28
4% rotenone prices are 4c. per lb. less.
Cube, powd., contracts have no protection against decline in price. Part deliveries against contract are billed at price for smaller quantities, subject to adjustment when contract quantity is reached.
Cubeb berries, XX, bgs.....lb. .42 - .44
powd., cs.....lb. .47 - .48
Culver's root, bls.....lb. .16 - .17
Cumin seed, Malta, bgs.....lb. No stocks
Morocco, bgs.....lb. .17¼- .17¾
Cyprus, bgs.....lb. .17 - .17½
Cutch, Borneo, extract, solid, contract, f.o.b. N. Y., duty paid..lb. .04½- —
Cyanamide, 22% N_2, pulv., bgs., dlvd., contracts, N_2 unit-ton. No prices
Cyanide-chloride, mixture, 45%, gran., dms..lb. .10¾- —
lump, dms.....lb. .09¾- —
75%, gran., dms.....lb. .15 - —
Cyclohexane, 98-100%, dms., works, frt. alld. E. of Rockies...lb. .25 - —
Cyclohexanol, 98-100%, dms., works, frt. alld. E. of Rockies...lb. .30 - —
Cyclohexanone, 98-100%, dms., works, frt. alld. E. of Rockies..lb. .58 - —

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Damiana leaves, bls.....lb. .24 - .29
Dandelion root, German, bls...lb. .42 - .45
Deertongue leaves, bls.....lb. .14 - .15
Degras common, dom., bbls...lb. .09 - .10
English, bbls.....lb. .09 - .10
neutral, dom., bbls.....lb. .15 - .18
English, bbls.....lb. 15 - .18
Derris root, powd., 5% rotenone, bbls., f.o.b. N.Y., frt. equal'd, with shipments from Newark and Balto. Prices for Pacific Coast are plus frt., 10,000 lbs., or more..lb. .24 - .28
2,000 lbs. to 10,000 lbs...lb. .26 - .30
1,000 lbs. to 2,000 lbs.....lb. .28 - .32
200 lbs. to 1,000 lbs.....lb. .30 - .34
4% rotenone prices are 6c. per lb. less.
Derris root, powd., contracts give no protection against decline in price. Part deliveries against contracts are billed at price for such smaller quantities, subject to adjustment when contract quantity is reached.
Derris, extract, 25% rotenone, bulk, cns..lb. 4.00 - 5.00
15% rotenone, bulk, cns....lb. 2.25 - 3.25
Dextrin, British gum, c.l., f.o.b. Chicago..100 lbs. 3.85 - —
l.c.l., f.o.b. Chicago..100 lbs. 3.95 - —
Corn, canary, bgs., c.l., f.o.b. Chicago..100 lbs. 3.60 - —
l.c.l., f.o.b. Chicago..100 lbs. 3.80 - —
white, bgs., c.l., f.o.b. Chicago..100 lbs. 3.55 - —
l.c.l., f.o.b. Chicago..100 lbs. 3.75 - —
Potato, import, bgs.....lb. .07¾ Nom.
Diacetone (see under Alcohol).
Diacetyl, pots.....lb.10.00 -11.00
Diamyl ether, dms., c.l., works, lb. .085 - —
l.c.l., works.....lb. .092 - —
tanks, works.....lb. .075 - —
Oxalate, dms., l.c.l., works..lb. .30 - —
Phthalate, dms., c.l., dvld....lb. .21½- —
l.c.l., dlvd.....lb. .20 - —
tanks, dlvd.....lb. 1.10 - —
Sulphide, dms., l.c.l., works..lb. .47 - —
Diamylamine, dms., c.l., works, l.c.l., works.....lb. .48 - .50
tanks, works.....lb. .45 - —
Diamylene, dms., cl., works..lb. .095 - —
l.c.l., works.....lb. .102 - —
tanks, works.....lb. .085 - —
Diamylnaphthalene, dms., l.c.l, works..lb. .20 - —
Diamylphenol (2, 4), dms., c.l., works..lb. .17 - —
l.c.l. .....lb. .20 - —
Diatomaceous earth, dom., bgs., c.l., Pacific cst., works, ton.22.00 -35.00
l.c.l., ex whse.....ton.45.00 -50.00
import, bgs., c.l., c.i.f.....ton.23.00 Nom.
Dibutylamine, dms., c.l., works, lb. .50 - —
l.c.l. .....lb. .51 - .53
tanks, works.....lb. .48 - —
Dibutyl ether (see Ether, butyl).
Phthalate, dms., c.l., dlvd...lb. .19 - —
l.c.l., dlvd.....lb. .19½- —
tanks, dlvd.....lb. .18 - —
cns., works.....lb. .23½- .25½
Sebacate, dms., works.....lb. .45 - —
Tartrate, dom., dms.....lb. .50 - —
Dicalcium phosphate (see Calcium phosphate dibasic).
Dichlorethyl ether, dms., c.l., works..lb. .15 - —
l.c.l., works.....lb. .16 - —
tanks, works.....lb. .14 - —
Dichloropentane, dms., c.l., works, lb. .0221- —
l.c.l. .....lb. .04 - —
tanks .....lb. .025 - —
Diethanolamine, dms., c.l., works, lb. .23½- —
l.c.l., works.....lb. .24½- —
tanks, works.....lb. .22½- —
Diethylamine, dms., l.c.l., works, lb. .70 - —
Diethylcarbonate, coml., dms..lb. .25 - —
refd., 99%, dms.....lb. .35 - —
Carbinol (see Carbinol).
Oxalate, dms., l.c.l., dlvd....lb. .27 - —
Phthalate, dms., c.l., frt. alld., lb. .19 - —
l.c.l. .....lb. .19½- —
tanks .....lb. .18 - —
Sulphate, dms., c.l., works..lb. .13 - —
l.c.l., works.....lb. .14 - —
tanks .....lb. .12 - —
Diethylaniline, dms.....lb. .40 - —
Diethyleneglycol, dms., c.l., works, lb. .14½- —
l.c.l., works.....lb. .15½- —
Monobutylether, dms., works..lb. .22½- .24½
Monoethylether, dms., c.l., works..lb. .14½- —
l.c.l., works.....lb. .15½- —
tanks, works.....lb. .13½- —
Digitalis leaves, dms.....lb. .35 - .40
Diglycol, laurate, c.l.....lb. .16 - —
Oleate, light, bbls., c.l.....lb. .17 - —
Stearate, bbls., c.l.....lb. .22 - —
Di-isobutyl ketone, dms., works, lb. .29 - —
Dillseed, recleaned, bgs.....lb. .08 - .09½

Dimethyl phthalate, dms., c.l., dlvd..lb. .18½- —
l.c.l., dlvd.....lb. .19 - —
tanks, dlvd.....lb. .17½- —
Dimethylaniiin, dms., c.l.....lb. .23 - —
l.c.l., dms.....lb. .24 - —
Dimethylamine, dms., c.l., dlvd., lb. 1.00 - —
l.c.l., dlvd.....lb. 1.05 - —
Dimethylethyl carbinol (see Carbinol).
Dinitrobenzene, bbls., 80° min., lb. .18 - —
Dinitrochlorobenzene, dms.....lb. .14 - —
Dinitronaphthalene, kgs.....lb. .35 - .38
Dinitrophenol, bbls.....lb. .22 - —
Dinitrotoluene, dms.....lb. .15½- —
oily, dms.....lb. .09 - —
Diorthotoluolguanidin, dms., 2,000 lbs. or over, dlvd..lb. .44 - —
600-1,950 lbs., dlvd.....lb. .46 - —
150-450 lbs., dlvd.....lb. .47 - —
Dioxan, dms., c.l., frt. alld....lb. .20 - —
l.c.l., same basis.....lb. .21 - —
tanks, same basis.....lb. .19 - —
Dip oil (see Tar acid oil).
Dipentene, dms.....gal. .47 - .50
tanks .....gal. .41 - —
dest., dist., dms.....gal. .45 - .48
tanks .....gal. .38 - —
Diphenyl, bbls., c.l., works....lb. .15 - —
l.c.l., works.....lb. .16 - .20
Oxide, perfume grade, cns...lb. .50 - .55
Diphenylamine, bbls.....lb. .25 - —
Diphenylguanidin, dms., 2,000 lbs., or over, dlvd..lb. .35 - —
600-1,950 lbs., dlvd.....lb. .36 - —
150-450 lbs., dlvd.....lb. .37 - —
Diphenylmethane, bots.....lb. 1.40 - 3.00
Dimethylethyl carbinol (see Carbinol).
Doggrass root, cut, bls.....lb. .22 - .23
Dogwood bark, Jamaica, bls., lb. .08 - .10
Dovers powder, USP, cns.....lb. 2.75 - 2.80
Dragon's blood, mass, cs.....lb. .65 - .70
reeds, thin, cs.....lb. 1.00 - 1.05
Dyes, coaltar (certified colors) for foods, drugs and cosmetics:—
Blue, FD&C blue, No. 1, cns..lb.13.50 - —
FD&C blue, No. 2, cns.....lb.13.50 - —
FD&C green, No. 2, cns....lb.17.50 - —
FD&C green, No. 3, cns....lb.27.50 - —
Green, FD&C green, No. 1, cns. lb.13.50 - —
Orange, FD&C orange, No. 1, cns..lb. 2.90 - —
FD&C orange, No. 2, cns..lb. 3.65 - —
Red, FD&C red, No. 1, cns..lb. 6.00 - —
FD&C red, No. 3 cns.....lb. 3.15 - —
FD&C red, No. 3, cns.....lb.17.50 - —
FD&C red, No. 4, cns.....lb. 5.75 - —
FD&C red, No. 32, cns.....lb. 4.15 - —
Yellow, FD&C yellow, No. 1, cns..lb. 6.50 - —
FD&C yellow, No. 3, cns..lb. 2.65 - —
FD&C yellow, No. 4 ,cns..lb. 2.65 - —
FD&C yellow, No. 5, cns..lb. 3.15 - —
FD&C yellow, No. 6, cns..lb. 3.15 - —
Black, D&C black, No. 1, lb. 8.35 - —
Blue, D&C blue, No. 6....lb.13.50 - —
Brown, D&C brown, No. 1, cns. lb.12.35 - —
Green, D&C green, No. 5, cns. lb.12.35 - —
D&C green, No. 6, cns.....lb.12.35 - —
Orange, D&C orange, No. 3, cns..lb. 8.35 - —
D&C orange, No. 4, cns....lb.15.35 - —
D&C orange, No. 10, cns..lb.15.85 - —
D&C orange, No. 11, cns...lb.17.35 - —
Red, D&C red, No. 5.....lb. 6.00 - —
D&C, red, No. 17.....lb. 8.35 - —
D&C red, No. 18.....lb.18.35 - —
D&C red, No. 19, cns.....lb.15.35 - —
D&C red, No. 22, cns.....lb. 8.35 - —
D&C red, No. 33.....lb.13.35 - —
D&C red, No. 37, cns.....lb.12.35 - —
Yellow, D&C yellow, No. 7, cns. lb. 8.35 - —
D&C yellow, No. 8, cns....lb. 8.35 - —
D&C yellow, No. 11.....lb.10.35 - —
Dyes, coaltar (certified colors) for external use drugs and cosmetics:—
Blue, Ext.D&C blue, No. 1, cns..lb.12.35 - —
Green, Ext.D&C, green, No. 1, cns..lb.12.35 - —
Red, Ext. D&C, red, No. 1, cns..lb.10.35 - —
Ext.D&C, red, No. 3.....lb.21.85 - —
Ext.D&C, red, No. 8.....lb. 7.85 - —
Ext.D&C, red, No. 10, cns.. lb.12.35 - —
Ext.D&C, red, No. 11, cns. lb.12.35 - —
Ext.D&C, red, No. 13, cns.. lb.12.35 - —
Yellow, Ext.D&C, yellow, No. 1.. cns..lb. 8.35 - —
Dyes, coaltar, for general uses (numbers are those of Colour Index scale):—
36 Chrome yellow 2G....lb. .65 - .70
40 Chrome yellow R.....lb. .50 - 1.00
53 Victoria violet.....lb. .80 - 1.00
165 Lake red C.....lb. .80 - .95
176 Fast red A.....lb. .56 - .60
180 Fast red VR.....lb. 1.50 - 1.60
189 Lake red R, paste....lb. .85 - .90
189 Lake red R, powd....lb. 3.00 - 3.10
202 Chrome blue black U.lb. .32 - .40
204 Chrome black A.....lb. 1.75 - 2.00
208 Fast red blue R.....lb. .75 - 2.00
216 Chrome red B.....lb. 1.75 - 2.00
262 Cloth red 2B.....lb. .60 - .80
289 Fast cyanin 5R.....lb. .90 - 1.00
299 Chrome black F.....lb. .60 - .65
307 Fast cyanin black B.lb. .80 - .85
326 Direct cast scarlet....lb. 2.00 - 2.25
804 Paper yellow.....lb. .83 - .90
365 Chrysophenin G.....lb. .58 - .70
394 Direct violet N.....lb. 1.25 - 1.35
382 Direct scarlet B.....lb. 1.50 - 1.75
387 Direct violet B.....lb. 1.00 - 1.30
401 Developed black BHN, lb. .45 - .60
406 Direct blue 2B.....lb. .25 - .30
415 Direct orange R.....lb. .60 - .70
419 Direct fast red F.....lb. .75 - .85
420 Direct brown M.....lb. 1.00 - 1.10
448 Benzo purpurin 4B...lb. .40 - .42
495 Benzo purpurin 10B...lb. .40 - .50
502 Direct azurin G.....lb. .75 - .80
512 Direct blue RD.....lb. .80 - 1.00
518 Direct pure blue 6B..lb. 1.10 - 1.25
520 Direct pure blue.....lb. .50 - 1.00
529 Direct fast, black, FF.lb. .55 - 1.00
581 Direct black EW.....lb. .25 - .50
582 Direct black RX.....lb. .35 - .45
593 Direct green B.....lb. .75 - .80
594 Direct green G.....lb. 1.00 - 1.05
596 Direct brown 3GO....lb. .35 - 1.00
620 Direct yellow R.....lb. 1.25 - 1.50
698 Acid violet.....lb. 1.00 - 3.00
812 Primulin .....lb. .50 - .52
814 Direct fast yellow....lb. 2.00 - 2.25
845 Nigrosin (water soluble), lb. .35 - .50
1177 Indigo, 20 p. c. paste..lb. .15 - .16
Benzo fast black L...lb. .90 - 1.00
Sulphur black.....lb. .20 - .25
Sulphur blue.....lb. .40 - 1.00
Sulphur brown.....lb. .25 - .50
Sulphur maroon.....lb. .40 - —
Sulphur olive.....lb. .25 - .54

Dyes, coaltar, for general uses (numbers are those of Colour Index scale):—
Sulphur tan.....lb. .30 - .50
Sulphur yellow.....lb. .30 - .50
Zambesi black.....lb. .75 - .80
Dyes, coaltar, for stains, oil-soluble (prices in barrels of 100 lbs.; lots of 25 pounds to a barrel are 3c. per lb. higher; f.o.b. sellers' works or warehouse).
Black:—
863 Nigrosin derivatives..lb. .38 - .62
Blue:—
1075 Alizarin astrol base..lb.15.00 - —
1078 Alizarin cyanin green base..lb. 6.00 - —
Browns:—
Brown .....lb. 1.15 - —
Green:—
1078 Alizarin cyanin green.lb. 5.00 - —
.... Green .....lb. .75 - —
Orange:—
24 Sudan I.....lb. .75 - —
.... Orange, red shade....lb. .75 - —
Red:—
75 Sudan II.....lb. 1.05 - —
258 Sudan IV.....lb. .95 - —
749 Rhodamine B (oil pink), lb. 2.50 - —
1080 Anthraquinone violet base..lb. 6.00 - —
680 Oil violet.....lb. .50 - —
Yellow:—
15 Amidoazobenzene yellow..lb. .90 - —
17 Amidoazotoluene yellow. lb. .75 - —
61 Yellow OB.....lb. 1.40 - —
Spirit-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or warehouse):—
Black:—
864 Nigrosin .....lb. .38 - .44
Blue:—
860 Indulin .....lb. .60 - .70
Brown:—
331 Bismarck brown.....lb. 1.50 - —
Green:—
637 Malachite green base.lb. 2.00 - —
Orange:—
20 Chrysoldin G.....lb. .95 - —
21 Chrysoldin R.....lb. .95 - —
Red:—
677 Fuchsin, magenta base, lb. 7.25 - —
749 Rhodamine B.....lb. 4.75 - —
Yellow:—
67 Amidoazotoluene yellow, lb. .75 - —
653 Auramine .....lb. 2.00 - —
800 Chinolin yellow SS...lb. 2.00 - —
Violet:—
680 Methyl violet base...lb. .90 - —
Water-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or warehouse).
Black:—
246 Naphthol blue black S, lb. .50 - —
873 Methylene gray.....lb. 1.50 - —
Blue:—
714 Patent blue A.....lb. 1.45 - —
729 Victoria blue B.....lb. 2.00 - —
861 Indulin .....lb. .87 - —
909 New blue R.....lb. 1.30 - —
922 Methylene blue.....lb. 1.00 - —
1054 Alizarin saphirol B...lb. 1.90 - —
1180 Indigotin IA.....lb. .85 - —
Brown:—
234 Resorcin brown Y....lb. .65 - —
235 Resorcin dark brown R, lb. .66 - —
231 Bismarck brown G...lb. .40 - .52
332 Bismarck Brown R...lb. .40 - .52
793 Phosphin .....lb. 4.65 - —
Green:—
5 Naphthol green B....lb. 1.00 - —
657 Malachite green.....lb. 1.35 - —
662 Brilliant green.....lb. 2.00 - —
666 Guinea green B.....lb. 1.15 - —
737 Wool green S.....lb. .58 - —
924 Methylene greeen B...lb. 1.55 - —
1078 Alizarin cyanin green, lb. 2.35 - —
Orange:—
10 Chrysoidin G.....lb. .40 - —
21 Chrysoidin R.....lb. .37 - —
27 Orange G.....lb. .50 - —
151 Orange Y.....lb. .30 - —
161 Orange R.....lb. .34 - —
31 Amidonaphthol red G.lb. .42 - —
37 Amidonaphthol red 6B, lb. .68 - —
79 Popceau R.....lb. .48 - —
88 Fast red B.....lb. 1.05 - —
176 Fast red A.....lb. .54 - —
179 Azorubin .....lb. .60 - .62
183 Crocein scarlet 3BX..lb. .72 - .75
185 Cochineal red A.....lb. .60 - —
252 Brilliant crosein M...lb. .68 - —
677 Fuchsin .....lb. 2.10 - —
749 Rhodamine B.....lb. 3.50 - —
752 Rhodamine 6G.....lb. 4.50 - —
708 Eosin G.....lb. 1.50 - —
841 Safranin .....lb. 1.45 - —
Violet:—
680 Methyl violet B.....lb. .75 - —
681 Crystal violet C.....lb. 1.75 - —
695 Acid violet 4BN.....lb. .88 - —
Yellow:—
10 Naphthol yellow S...lb. .88 - —
138 Metanil yellow.....lb. .53 - —
636 Fast light yellow.....lb. 1.25 - —
639 Xylene light yellow..lb. 1.15 - —
640 Tartarzin .....lb. .80 - —
655 Auramine .....lb. 1.27 - —
Dyes, natural (see name of article).

E

Echinacea root, bls.....lb. .18 - .19
Egg albumen (see Albumen).
yolk, dom., bbls.....lb. .57 - .63
imported .....lb. .55 - .58
Elder flowers, bright, bls.....lb. .40 - .45
Elecampane root, bls.....lb. .10 - .11
Elm bark, grinding, bls.....lb. .11 - .12
powd., bbls., bxs.....lb. .20 - .21
select, bndls.....lb. .19 - .21
Emetine hydrochloride, bots...oz.22.00 -23.00
Ephedra, bls.....lb. .12 - .13
Ephedrine, tins, 1,000 ozs.....oz. 1.50 - —
tins, 100 ozs.....oz. 1.60 - —
Hydrochloride, tins, 1,000-oz. lots..oz. 1.25 - —
tins, 100-oz. lots.....oz. 1.35 - —
Sulphate, cryst., tins, 1,000-oz. lots..oz. 1.25 - —
tins, 100-oz. lots.....oz. 1.35 - —
Epsom salt, tech., bgs....100 lbs. 1.80 - —
bbls. .....100 lbs. 1.90 - —
USP, cryst., dom., bgs., c.l., 100 lbs. 2.00 - —
l.c.l., 5,000 lbs., 1 with-drawal..100 lbs. 2.25 - —
smaller lots.....100 lbs. 2.50 - —
bbls., c.l.....100 lbs. 2.10 - —
l.c.l., 5,000 lbs., 1 with-drawal..100 lbs. 2.35 - —
smaller lots.....100 lbs. 2.60 - —

Cube Root—Fullers Earth

Epsom salt, USP, bgs., c.l..... 100 lbs. 2.35 - —
l.c.l., 5,000 lbs., 1 with-drawal..100 lbs. 2.60 - —
smaller lots.....100 lbs. 2.85 - —
dried, dom., bgs., l.c.l.....lb. .08 - .09
Ergot, USP, cns., dms.....lb. 3.85 - 4.00
Eserine, bots.....oz.42.00 - —
Salicylate, bots.....oz.36.00 - —
Sulphate, bots.....oz.36.00 - —
Ether, acetic (see Ethyl acetate).
Butyl, l.c.l., dlvd.....lb. .25 - —
Ethyl (see Ether, sulphuric).
Nitrous, conc., bots., 100 lbs., lb. .68 - —
Sulphuric, conc., dms., 120 lbs. lb. .09 - —
cns., 27 lbs.....lb. .14 - —
synth., dms., c.l., works...lb. .08 - —
l.c.l., works.....lb. .09 - —
USP, anesthesia, dms., 27 lbs., lb. .26 - —
USP, 1880, dms.....lb. .39 - .40
washed, dms.....lb. .37 - .38
Ethyl acetate, 85-90%, dms., c.l., frt. alld..lb. .08 - —
l.c.l., frt. alld.....lb. .08½- —
tanks, frt. alld.....lb. .07 - —
95-98%, dms., c.l., frt. alld.lb. .08¼- —
l.c.l., frt. alld.....lb. .08¾- —
tanks, frt. alld.....lb. .07¼- —
N.F., 460 lb. dms.....lb. .09½- —
cns., 35 lbs.....lb. .14 - —
Acetoacetate, dms., c.l., wks.lb. .27½- —
l.c.l., dms., works.....lb. .28 - —
Bromide, tech., dms.....lb. .50 - .55
Caproate, cns.....lb. 1.00 - —
Chloride, dms.....lb. .18 - .20
Cinnamate, cns.....lb. 3.20 - 4.00
Crotonate, 55 gal. dms., dlvd., lb. .35 - —
Formate, cns., dms.....lb. .23 - .24
5 and 10 gal. dms., dlvd....lb. .75 - —
1 gal., cns.....lb. 1.00 - —
Iodide, bots.....lb. 3.50 - 3.60
Lactate, 55-gal. dms., works, lb. .33½- —
5-gal. dms., works.....lb. .37½- .39½
Oxalate, dms., frt. alld.....lb. .25 - —
Silicate, l.c.l., dms., works..lb. .77 - —
Vanillin, 25-lb. lots, cns.....lb. 6.00 - —
5-lb. lots.....lb. 6.05 - —
1-lb. lots, cns.....lb. 6.15 - —
Ethylcellulose, contracts, bgs., c.l., frt. alld..lb. .45 - —
contracts, 500 lbs. or more, frt. alld..lb. .47 - —
300 lbs. or more, frt. alld.lb. .48 - —
100 to 499 lbs., frt. alld..lb. .50 - —
smaller lots, works.....lb. .55 - —
Ethylene bromide, dms.....lb. .65 - .70
Dichloride, dms., c.l., works, E. of Rockies, frt. alld..lb. .0395- —
West of Rockies, same basis..lb. .0644- —
l.c.l., works, E. of Rockies, frt. alld..lb. .0694- —
West of Rockies, same basis..lb. .0743- —
Ethyleneglycol, dms., c.l.....lb. .14½- —
l.c.l. .....lb. .15½- .18½
tanks .....lb. .13½- —
Monobutylether, dms., c.l., works, lb. .16½- —
l.c.l., works.....lb. .17½- .20½
tanks, works.....lb. .15½- —
Monoethylether, dms., c.l.works, lb. .14½- —
l.c.l., works.....lb. .15½- .18½
tanks, works.....lb. .13½- —
Monoethylether, acetate, dms., c.l., works..lb. .11¼- —
l.c.l., dms.....lb. .12½- .15½
tanks, works.....lb. .10½- —
Monomethylether, dms., c.l., works..lb. .15½- —
l.c.l., works.....lb. .16½- —
tanks, works.....lb. .14½- —
Ethylidinanilin, dms.....lb. .45 - .47½
Eucalyptol, cns., dms.....lb. .80 - .85
Eucalyptus leaves, bls.....lb. .12 - .13
Eugenol, cns., dms.....lb. 2.25 - 2.30
Euphorbia, bls.....lb. .11 - .12

F

Feldspar, enamel, 100 mesh, bulk, works..ton.14.00 -17.50
l.c.l., minimum 2 tons..ton.17.00 -20.50
glass, 20 mesh, bulk, works.ton. 9.75 -13.25
l.c.l., minimum 2 tons..ton.12.75 -16.25
pottery, bulk, Me., works...ton.17.00 -19.00
N.C., works.....ton.17.00 -19.00
l.c.l., minimum 2 tons..ton.20.00 -22.00
Fennel seed, Indian, bgs.....lb. .13 - .13½
French, bgs.....lb. .13¼- .13¾
German, large, bgs.....lb. .33 - .34
Roumanian, bgs.....lb. .12 - .12½
Fenugreek seed, bgs.....lb. .05½- .06
Ferric, sulphate, anhyd., c.l., works..ton.35.00 - —
l.c.l. .....ton.40.00 - —
Film scrap, colors, dark, cs., 1,000 lbs., or over, works..lb. .12½- —
smaller lots, works...lb. .13½- —
light, cs., 1,000 lbs. or over, works..lb. .13½- —
smaller lots, works....lb. .14½- —
water white, cs., 1,000 lbs. or over, works..lb. .14½- —
smaller lots, works....lb. .15½- —
Fir balsam, Canada, cns....gal.12.75 -13.00
Oregon, bbls.....gal. 1.10 - 1.15
Fish berries, bgs.....lb. .15 - .17
Fish scrap, menhaden, dried, 11-12% ammon., 15% bone phos., bulk, Chesapeake factories, contracts, futures..unit-ton. 4.25 Nom.
grd., 11-12% ammon., 15% bone phos., bgs., f.o.b. Balto..ton.59.00 - —
wet, acidulated, 6-7% ammon., 3% phosphor, acid, bulk, So. Atlantic factories, contracts..unit-ton. 3.00 & .50
sardine, meal, Japanese, 11¼% ammon., bgs., c.i.f. ports, March shipt..ton.52.00 - —
spot..ton.52.00 - —
Flake, white, bbls., kgs.....lb. .10¼- —
Fleaseed, French, black, bgs..lb. .18½- .19
Indian, blonde, bgs.....lb. .08½- .09
Fluorspar, dom., No. 1 ground, bulk, 95-98%, f.o.b. mines, net ton.32.60 - —
washed gravel, 85.5 f.o.b. Ky. Ill.-Ky. mines..net ton.21.00 - —
No. 2, lump, 85.5 f.o.b. Ky. and Ill., mines..net ton.21.00 - —
imported, 85.5, duty paid, short ton.25.00 Nom.
Formaldehyde, bbls., c.l., works, lb. .05¾- —
l.c.l., works.....lb. .06¼- —
dms., c.l., works.....lb. .05¾- —
l.c.l., works.....lb. .05¾- —
tanks, works.....lb. .04½- —
Frinzetree bark, bls.....lb. .14 - .15
Fullers earth, dom., bgs., c.l., f.o.b. Fla., Ga., mines..ton.15.00 - —
import, bgs., c.l., ex dock.ton. No prices
l.c.l., ex whse.....ton. No prices

Furfural—Iron Hypo.

Furfural, ref., dms., c.l., works, lb. .15 - —
l.c.l., works..lb. .17½- .25
tech., dms., contracts, 150,000 lbs..lb. .10 - —
c.l., works..lb. .12½- —
l.c.l., works..lb. .15 - .20
tanks, works..lb. .09 - —
Fusel oil, refd., dms., incl., dlvd., lb. .16 - .17½
Fustic extract, cryst., bbls....lb. .24 - .25
liquid, bbls..lb. .10½- .14
solid, dms..lb. .19 - .21

G

G salt, bbls..lb. .45 - —
Galangal root, bls..lb. .11 - .12
Gambier, common, cases..lb. .07 Nom.
plantation, cases..lb. .10 Nom.
Cubes, Singapore, cases....lb. .09 Nom.
extract, bbls..lb. .09½- .12
Gasoline, at refinery:—
Bayonne, US motor, below 65 octane, tanks..gal. .06¼- .06½
65 octane and above, tanks, gal. .06¾- .0735
California, 54-58, tanks...gal. .06½- .08
Gulf Coast, U. S. Motor, bulk, gal. .05¼- —
60-62, 390 e.p., bulk, export, gal. .05¼- —
63-67, 375 e.p., bulk, export, gal. .05½- —
70-72, 400 e.p., bulk, export, gal. .06 - —
Louisiana-Arkansas, US motor, 62 octane, tanks..gal. .04 - .04¼
63-66 octane, tanks....gal. .04¼- .04½
67-69 octane, tanks....gal. .04½- .04¾
70-72 octane, tanks....gal. .04¾- .05¼
Oklahoma-Texas, US motor, 62 octane and below, tanks, gal. .03½- .03¾
third grade, tanks....gal. .03½- .03¾
63-66 octane, tanks....gal. .03¾- .03¾
67-69 octane, tanks....gal. .03¾- .04
70-72 octane, tanks....gal. .04¼- .04½
U.S. Motor, 18-lb. v.p., tanks..gal. .05¼- .05¼
22-lb. v.p., tanks.....gal. .04¾- —
26-70 lb. v.p., tanks...gal. .04 - .04¼
below 60 octane, tanks.gal. .05 - —
65 octane, tanks.....gal. .07 - —
52-54 450 e.p., naphtha, tanks..gal. .05½- —
natural, 12-lb. v.p., tanks, gal. .02¼- .02¾
14-lb. v.p., tanks.....gal. .01¾- .02
Gelatin, silver, cs..lb. .42 - .43
Gelsemium root, bls..lb. .14 - .15
Gentian root, bls..lb. .14 - .15
grd., bbls., bxs..lb. .16 - .17
powd., bbls., bxs..lb. .17 - .18
Geraniol, cns., dms..lb. .60 - 3.00
Ginger root, African, bgs.....lb. .07¾- .08
Cochin, lemon, bgs.....lb. .09½ Nom.
Jamaica, bold, bgs.....lb. .12 - .13
grinding, bright, bgs.....lb. .09 - .09½
medium, bgs.....lb. .11¼- .11¾
Japanese, bgs..lb. .08¾- .09¼
Ginseng root, wild, Southern, cs., lb.12.00 -13.00
Ginseng root, wild, Southern, cs., lb.12.00 -13.00
Ginseng root, wild, Southern, cs., lb.12.00 -13.00
Glauber's salt, anhyd. (see Soda Sulphate).
cryst., dom., bgs., bbls., c.l., works..100 lbs. .95 - 1.18
5 tons or over, works....100 lbs. 1.05 - 1.25
less than 5 tons, works, 100 lbs. 1.15 - 1.35
import, bgs.....100 lbs. No prices
Glue, bone, calcimine type, 24 millipoise, 36 jelly-grams, bgs., c.l., dlvd..lb. .13½- —
l.c.l., dlvd..lb. .14 - —
36/58, bgs., c.l., dlvd.....lb. .13 - —
l.c.l., dlvd..lb. .13½- —
58/82, bgs., c.l., dlvd.....lb. .14½- —
l.c.l., dlvd..lb. .15 - —
82/108, bgs., c.l., dlvd.....lb. .15 - —
l.c.l., dlvd..lb. .15½- —
hide, calcimine type, 58 millipoise, 135 jelly-grams, bgs., c.l., dlvd., East, Middlewest..lb. .15 - —
l.c.l., same basis.....lb. .15½- —
60/164, bgs., c.l., same basis, lb. .16½- —
l.c.l., same basis.....lb. .17 - —
67/122, bgs., c.l., same basis, lb. .17½- —
l.c.l., same basis.....lb. .18 - —
75/222, bgs., c.l., same basis, lb. .18½- —
l.c.l., same basis.....lb. .19½- —
88/251, bgs., c.l., same basis, lb. .19½- —
l.c.l., same basis.....lb. .20½- —
92/283, bgs., c.l., same basis, lb. .20½- —
l.c.l., same basis.....lb. .21½- —
102/315, bgs., c.l., same basis, lb. .21 - —
l.c.l., same basis.....lb. .22 - —
113/347, bgs., c.l., same basis, lb. .22 - —
125/379, bgs., c.l., same basis, lb. .23 - —
l.c.l., same basis.....lb. .24 - —
Glue prices for barrel packing, ½c. lb. higher; grinding charge, 20-40 mesh, ½c. lb.; 60 mesh, 1c. lb.
Glycerin, CP, cns., l.c.l.....lb. .14½- .15
dms c.l., dlvd.....lb. .12½- —
l.c.l., dlvd..lb. .13 - —
tanks, dlvd..lb. .12¼- —
dynamite, dms..lb. Nominal
high gravity, dms., c.l., dlvd.lb. .12 - —
l.c.l., dlvd..lb. .12½- —
tanks, dlvd..lb. .11¾- —
saponification, basis 88%, for industrial users, special colors, dms., returnable, c.l., dlvd.lb. .13 Nom.
l.c.l., same basis....lb. .14 Nom.
tanks..lb. .12 Nom.
for refiners, dms., returnable, tanks, dlvd..lb. .08¾- .09
soaplye, basis 80%, dms., tanks, returnable, dlvd..lb. .07¾- .08¼
Glycine, medicinal, bbls., tins..lb. 1.70 - 2.00
Glycol boriburate, dms.....lb. .22 - —
Phthalate, dms.....lb. .38 - —
Stearate, dms..lb. .26 - —
Gold, U.S. purchase price.....oz.35.00 - —
Chloride, acid brown, bots...oz.20.75 -21.00
yellow, bots.....oz.18.75 -19.00
Gold-soda chloride, photo., bots., oz.13.00 - —
USP IX, bots.....oz.14.50 -14.75
Gold of pleasure, seed, bgs.....lb. .12 - .12½
Goldenseal, root, bls.....lb. 3.85 - 4.00
powd., bxs..lb. 4.10 - 4.25
Grains of paradise, bgs.....lb. .38 - .39
Graphite, flake (cryst.), 90%, 325 mesh, 50% graphitic carbon., bgs., c.l., works..lb. .06 - —
bbls., c.l., works.....lb. .06¼- —
l.c.l., works.....lb. .06½- —
Graphite, amorph., powd., 90%, 325 mesh, 65% graphite carbon, bgs., c.l., works, lb. .02½- —
65% graphitic, carbon, bbls., c.l., works..lb. .02¾- —
l.c.l., works.....lb. .03¼- —
80% graphitic, carbon, bgs., c.l., works..lb. .03½- —
bbls., c.l., works.....lb. .03¾- —
l.c.l., works.....lb. .04½- —
Grease, house, loose.....lb. .04½- .04¾
White .....lb. .05½- .05¼
Yellow .....lb. .04¾- .04¾
Wool (see Adeps lanae and Degras).
Green, chrome, CP, dark, light, medium, blue content up to 5%, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. .21 - —
6-10%, bbls., same basis.lb. .22 - —
11-15%, bbls., same basis.lb. .23 - —
16-20%, bbls., same basis.lb. .23½- —
21-25%, bbls., same basis.lb. .24 - —
26-30%, bbls., same basis.lb. .24½- —
31-35%, bbls., same basis.lb. .25½- —
36-40%, bbls., same basis.lb. .27 - —
41-45%, bbls., same basis.lb. .28½- —
46-50%, bbls., same basis.lb. .30 - —
Green, chrome, prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1½c.), Miss., N. C., S. C., Tenn., Texas (Dallas, Ft. Worth, 1½c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph, ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
reduced, CP, color content up to 5%, same basis..lb. .06 - —
9-10%, bbls., same basis.lb. .06¾- —
11-13%, bbls., same basis.lb. .07¼- —
14-16%, bbls., same basis.lb. .07½- —
17-19%, bbls., same basis.lb. .07¾- —
20-21%, bbls., same basis.lb. .08 - —
22-23%, bbls., same basis.lb. .08¼- —
24-25%, bbls., same basis.lb. .08½- —
26-27%, bbls., same basis.lb. .08¾- —
28-29%, bbls., same basis.lb. .09¼- —
30-31%, bbls., same basis.lb. .10 - —
32-33%, bbls., same basis.lb. .11¼- —
34-35%, bbls., same basis.lb. .12¼- —
36-40%, bbls., same basis.lb. .14¼- —
41-45%, bbls., same basis.lb. .16¼- —
46-50%, bbls., same basis.lb. .16¾- —
51-55%, bbls., same basis.lb. .17¼- —
56-60%, bbls., same basis.lb. .17¾- —
61-65%, bbls., same basis.lb. .18¼- —
66-70%, bbls., same basis.lb. .19¼- —
71-75%, bbls., same basis.lb. .20¼- —
Oxide, dom., pure, bbls.....lb. .25 - —
ceramic, light shades, bbls., c.l., works..lb. .25 - —
l.c.l., works.....lb. .30 - —
standard grade, bbls., works..lb. .21 - .22
Tetrahydroxide, bbls.....lb. .88 - —
Paris (see P).
Tungstated, brilliant, kgs....lb. 3.50 - —
emerald, kgs..lb. 2.35 - —
Verdigris (see V).
Green dyes are listed under Dyes.
Grindelia robusta, bls..lb. .09 - .10
Guaiac resin, cs..lb. .30 - .35
strained, cs..lb. .80 - .85
Wood, bls..lb. .04 - .05
Guaiacol, liq., dms..lb. 1.65 - 1.67
Carbonate, fib., dms., 25 lbs..lb. 2.40 - 2.74
Guarana powd., cs..lb. 1.20 - 1.25
Gum, aloe (see A).
Ammoniac, tears, cs.....lb. .85 - .90
Arabic, amber, sorts, cleaned, bgs..lb. .10 - .10½
white, sorts, 1, bgs.....lb. .28 - .29
2, bgs..lb. .27 - .28
powd., bbls..lb. .14 - .14½
Asafetida (see A).
Asphaltum (see A).
Benzoin, Siam, cs.....lb. 1.40 - 1.60
Sumatra, cs..lb. .20 - .21
Camphor (see C).
Chicle, prime, 33% moisture, bgs., ton lots..lb. .34 - .35
Copal, Congo, 1, water white, transparent, bgs., c.l., ex dock or ex whse., N. Y. or San Fran..lb. .49½- —
Gum, copal, dammar, elemi, kauri, mastic, sandarac, and yacca gums prices c.l. (30,000 lbs. min.) apply to assorted lots of gums as well as one grading; l.c.l. prices are ¼c. higher for 10 bgs. or over; ½c. higher for 1-9 bags.
Copal, Congo, cloudy, white, bgs., c.l., same basis..lb. .29½- —
3, selected pale straw bold, bgs., c.l., same basis..lb. .24½- —
4, pale bold straw, bgs., c.l., same basis..lb. .24 - —
5, pale straw bold, bgs., c.l., same basis..lb. .22½- —
6, pale amber bold, bgs., c.l., same basis..lb. .21½- —
7, pale straw bold, bgs., c.l., same basis..lb. .17 - —
8, light amber bold, bgs., c.l., same basis..lb. .17 - —
9, medium light amber bold, bgs., c.l., same basis..lb. .13½- —
10, rescraped hard amber, bold, bgs., c.l., same basis..lb. .13½- —
11, hard dark amber bold, bgs., c.l., same basis..lb. .11½- —
12, selected bold sorts, bgs., c.l., same basis..lb. .10½- —
13, dark sorts bold, bgs., c.l., same basis..lb. .08½- —
14, selected, fully scraped, ivory, bgs., c.l., same basis..lb. .23½- —
15, ordinary ivory sorts, bgs., c.l., same basis..lb. .10¾- —
16, inferior ivory sorts, bgs., c.l., same basis..lb. .09½- —
17, pale, fingers, bgs., c.l., same basis..lb. .17¾- —
18, pale straw nubs, bgs., c.l., same basis..lb. .17½- —
19, pale straw nubs., bgs., c.l., same basis..lb. .16¾- —
20, hard dark amber nubs, bgs., c.l., same basis..lb. .11½- —
21, ordinary selected nubs, c.l., same basis..lb. .10½- —
22, small mixed nubs, bgs., c.l., same basis..lb. .09¾- —
23, dark mixed nubs, bgs., c.l., same basis..lb. .10½- —
24, No. 1, ivory nubs, bgs., c.l., same basis..lb. .17¾- —
25, No. 2, natural ivory nubs, bgs., c.l., same basis..lb. .09½- —
26, pale bid chips, bgs., c.l., same basis..lb. .10 - —
27, pale small nubs, bgs., c.l., same basis..lb. .09½- —
28, pale dust, bgs., c.l., same basis..lb. .06¾- —
Batu, bold, scraped, bgs., c.l., same basis..lb. .06½- —
unscraped, bgs., c.l., same basis..lb. .05½- —
Gum, Batu, chips, bgs., c.l., same basis..lb. .05 - —
dust, bgs., c.l., same basis, lb. .04¾- —
nubs and chips, bgs., c.l., same basis..lb. .05 - —
black, bold, scraped, bgs., c.l., same basis..lb. .09¾- —
unscraped, bgs., c.l., same basis..lb. .06¾- —
nubs and chips, bgs., c.l., same basis..lb. .06¾- —
Hiroe, Macassar, pale bold, bgs., c.l., same basis..lb. .13¾- —
chips, bgs., c.l., same basis, lb. .07¾- —
dust, bgs., c.l., same basis..lb. .04¾- —
nubs, bgs., c.l., same basis..lb. .11¼- —
Singapore, Rasak, bold, bgs., c.l., same basis..lb. .14¾- —
chips, bgs., c.l., same basis, lb. .08¾- —
dust, bgs., c.l., same basis, lb. .04¾- —
nubs, bgs., c.l., same basis, lb. .11 - —
Manila, Boeas, amber and dark, bskts., c.l., same basis..lb. .13¾- —
light, bskts., c.l., same basis..lb. .15¾- —
Loba A, bskts., c.l., same basis..lb. .14¼- —
B, bskts., c.l., same basis, lb. .13¾- —
C, bskts., c.l., same basis, lb. .13½- —
CNE, bskts., cl., same basis..lb. .10¼- —
D, bskts., c.l., same basis, lb. .13¼- —
DK, bskts., c.l., game basis, lb. .10¼- —
dust, bskts., c.l., same basis..lb. .06¾- —
Sambas and white split chips, bskts., c.l., same basis..lb. .15¾- —
Singapore, dust, bskts., c.l., same basis..lb. .06¾- —
spirit - soluble, CBB, bskts., basis..lb. .12¾- —
DBB, bskts., c.l., same basis, lb. .12¾- —
MA, bskts., c.l., same basis, lb. .10¾- —
MB, bskts., c.l., same basis, lb. .09¾- —
WS, bskts., c.l., same basis, lb. .12¾- —
Philippine, Manila, amber sorts, bskts., c.l., same basis..lb. .10¾- —
chips, pale, bskts., c.l., same basis..lb. .13½- —
pale, small, bskts., c.l., same basis..lb. .11¾- —
extra pale sorts, bskts., c.l., same basis..lb. .12¾- —
nubs, bskts., c.l., same basis..lb. .14¼- —
pale, scraped, bskts., c.l., same basis..lb. .15¾- —
seeds and dust, bskts., c.l., same basis..lb. .08¾- —
Pontianak, bold, genuine, bgs., same basis..lb. .15½- —
mixed, bgs., c.l., same basis, lb. .14½- —
split, bgs., c.l., same basis, lb. .13½- —
Gums, copal, pontianak, chips, bgs., c.l., same basis..lb. .08¾- —
nubs, bgs., c.l., same basis, lb. .10¾- —
Dammar, Batavia, A, cs., c.l., same basis as copal..lb. .21¾- —
A/D, cs., c.l., same basis..lb. .13¾- —
A/E, cs., c.l., same basis..lb. .12¾- —
B, cs., c.l., same basis.....lb. .20¼- —
C, cs., c.l., same basis.....lb. .14¾- —
D, cs., c.l., same basis.....lb. .13¼- —
dust, cs., c.l., same basis..lb. .07¾- —
E, cs., c.l., same basis.....lb. .10 - —
F, cs., c.l., same basis.....lb. .08 - —
Singapore 1, cs., c.l., same basis..lb. .16¾- —
2, cs., c.l., same basis....lb. .12¾- —
3, cs., c.l., same basis....lb. .07½- —
chips, cs., c.l., same basis.lb. .11 - —
dust, cs., c.l., same basis, lb. .07¼- —
seeds, cs., c.l., same basis, lb. .09¾- —
Elemi, cns., c.l., same basis as copal..lb. .10½- —
Ester, dms., dlvd., New England, N. J., eastern N. Y. and Pa., Del. and Md., 75,000 lbs., contrs. or single shipt., 10,000 lbs....lb. .06¼- .06¾
less than 10,000 lbs., same basis..lb. .06½- .07
Western N. Y. and Pa., Ohio, Mich., Ind., Ill., Wis., Minn., Iowa, Mo., Ky., Va., W. Va., and N. C., 75,000 lbs., contrs. or straight c.l., lb. .06¾- .07
dlvd. elsewhere, 75,000 lbs. contrs. or straight, c.l...lb. .07- .07½
l.c.l., same basis.....lb. .07¼- .07¾
Euphorbium, cs..lb. .50 - .55
Galbanum, cs. .....lb. 1.50 - 1.60
Gamboge, pipe, cs..lb. .70 - .75
powd., bbls. .....lb. .75 - .80
Ghatti, soluble, bgs.....lb. .11 - .15
superior, bgs..lb. .09 - .11
Guaiac (see Guaiac resin).
Karaya, bbls., bxs., dms....lb. .14 - .33
Kauri, brown, XXX, cs., c.l., lb. .60 - —
BX, cs., c.l., same basis..lb. .38 - —
B1, cs., c.l., same basis..lb. .28 - —
B2, cs., c.l., same basis..lb. .24 - —
B3, cs., c.l., same basis..lb. .18½- —
80% chips, c.s., c.l., same basis..lb. .12¼- —
pale, XXX, cs., same basis.lb. .61 - —
1, cs., c.l., same basis...lb. .41 - —
2, cs., c.l., same basis...lb. .24 - —
3, cs., c.l., same basis...lb. .17¾- —
Kino, tins..lb. 4.00 - 4.50
Locust bean, powd., bbls.....lb. Nominal
Mastic, cs., c.l., same basis as copal..lb. .85 - .90
Myrrh, USP, cs.....lb. .60 - .65
Olibanum, siftings, cs.....lb. .08 - .12
Tears, cs..lb. .15 - .25
Opium (see O).
Rosin (see R).
Sandarac, cks., c.l., same basis as copal..lb. .37 Nom.
Scammony, cs..lb. 1.10 - 1.15
Talha, bgs..lb. .14 Nom.
Thus, bbls.....280 lbs.15.00 -15.25
Tragacanth, Alleppo, 1, cs...lb. 2.65 - 2.70
2, cs. .....lb. 2.55 - 2.60
3, cs. .....lb. 2.45 - 2.50
flake, bgs.....lb. No prices
Yacca, bgs.....lb. .03½- .04
Gypsum, Keene's cement, paper bgs., c.l., f.o.b. Acme, Tex., frt. equald..ton.22.45 - —
Medicine Lodge, Kans., frt. equaled..ton.17.00 - —
Gypsum, Keene's cement, paper bgs, c.l., f.o.b. New Brighton, N. Y., frt. equald..ton.27.65 - —
Southard, Okla., frt. equal. ton.17.00 - —
Sweetwater, Tex., frt. equald..ton.21.45 - —
Acme, Tex., frt. equald.ton.12.50 - —
Blue Rapids, Kans., frt. equald..ton.12.50 - —
Medicine Lodge, Kans., frt. equald..ton.12.50 - —
New Brighton, N. Y., frt. equald..ton.14.00 - —
f.o.b. Southard, Okla., frt. equald..ton.12.50 - —
Sweetwater, Texas, frt. equald..ton.12.50 - —
stucco, paper bags., c.l., f.o.b. Acme, Tex.; Blue Rapids, Kans.; Fort Dodge, Ia.; Grand Rapids, Mich.; Gypsum, O.; New Brighton, N. Y.; Plasterco, Va.; Southard, Okla.; Sweetwater, Tex., frt. equald.....ton. 8.00 - —
terra alba, dom., paper bgs., c.l., f.o.b. New Brighton, N. Y.; Southard, Okla., frt. equald..ton.12.00 - —
import, bgs., ex dock.....ton.28.00 Nom.

H

Hawthorn berries, bgs.....lb. .28 - .30
Heliotropin, cryst., cns.....lb. 3.00 - 3.20
Hellebore root, white, powd., bbls. lb. .16 - .17
Helonias root, bls..lb. .55 - .60
Hematine crystals, bbls.....lb. .20 - .30
Hemlock bark extract, 25%, tan, c.l., bbls., works..lb. .03¾- —
l.c.l., bbls., works.....lb. .03¾- —
tanks, works..lb. .03 - —
Hempseed, Manchur, bgs.....lb. .07 - .07½
Henbane, leaves, bls.....lb. .50 - .60
Henna leaves, bls..lb. .15 - .16
powd., bbls., bxs..lb. .17 - .18
Heptane, mixed, 77-115°C., dms., c.l., Group 3..gal. .11 - —
l.c.l. Group 3.....gal. .16 - —
tanks, Group 3.....gal. .08½- —
Normal, 86-100°, dms., c.l., Group 3..gal. .11½- —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .09¼- —
Hexalin, dms..lb. .80 - —
Hexane, normal, 60-70°C., dms., c.l., Group 3..gal. .12½- —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .10½- —
laboratory grade, dms., c.l., Group 3..gal. .14 - —
l.c.l., Group 3.....gal. .25 - —
Hexamethylenetetramine, tech., dms., 1,500 lbs. or more, shipments, f.o.b. Perth Amboy or N. Y. C..lb. .32 - —
150 to 1,350 lbs., shipments, same basis..lb. .33 - —
USP, dms., 500 lbs. or more, shipments, same basis..lb. .38 - —
fib. ctns., same basis.....lb. .40 - —
Homatropine hydrobromide, bots., 25 ozs..oz.13.00 -13.25
Hoofmeal, 17-18% ammon., bulk, f.o.b. Chicago..unit-ton. 2.50 - 2.75
Hops, N. F., bls..lb. .20 - .21
Horehound, bls..lb. .12 - .13
Hydrangea root, bls..lb. .08 - .09
Hydrastine, bots., 4 ozs.....oz.20.00 - —
Hydrochloride, bots., 4 ozs..oz.20.00 - —
Sulphate, bots., 4 ozs.....oz.21.75 - —
Hydrastine, 15 grs., bots....bot. 1.95 - —
Hydrastine (see Golden seal).
Hydrofuramide, dms., 100 lbs. or more, works..lb. .30 - —
fib. ctns., works.....lb. .40 - —
Hydrogen peroxide, USP, bbls..lb. .03¾- .04
100 vols., cbys., E. of Miss. River..lb. .20 - —
Hydroquinone, dealers, bbls., dms..lb. .90 - .94
Hydroxycitronellal, cns.....lb. 2.00 - 2.50
Hyoscine hydrobromide, bots..oz.55.00 -72.00
Hydrochloride, bots.....oz.59.00 -60.00
Hyoscyamine, 5 gr., bots.....bot. .60 - —
Hydrobromide, 5 gr., bots..bot. .60 - —
Sulphate, 5 gr., bots.....bot. .60 - —
Hypernic, ext. liquid, 51°, bbls., lb. .14 - —

I

Iceland moss, bls.....lb. .18 - .20
Ichthyol, bots.....lb. 4.00 - —
Indian red (see Red, Indian).
Indigo, nat., Madras, cs.....lb. 1.63 - 1.67
synth., liq., bbls.....lb. .16½- .19
powd., bbls.....lb. .74½- .85
Indol, CP, bots.....lb.32.00 34.00
Insect flowers (see Pyrethrum).
Iodine, crude, jars, 25 lbs.....lb. 1.30 - —
kgs., 150 lbs., less 5%.....lb. 1.21 - —
resubl., bots., 5 lbs.....lb. 2.10 - —
jars, 50 lbs.....lb. 2.00 - —
tincture, USP, bbls., 47 gals.gal. 2.00 - —
cbys., 5 gals.....gal. 2.05 - 2.10
mild, bbls., 47 gals.....gal. 1.25 - —
cbys., 5 gals.....gal. 1.30 - 1.35
Iodoform, dms., 100 lbs.....lb. 3.95 - 4.10
jars.....lb. 4.20 - —
Ionone, alpha, bots.....lb. 2.50 - 2.55
alpha, extra, bots.....lb. 4.00 - 4.05
alpha beta, bots.....lb. 2.25 - 2.30
beta, bots.....lb. 4.10 - 4.15
Ipecac root, bgs.....lb. 1.25 - 1.30
powd., bxs.....lb. 1.40 - 1.45
Irish moss, ordinary, bls.....lb. .15 - .16
powd., 80-90 mesh, bbls..lb. .30 - .32
prime, bleached, bls.....lb. .28 - .30
Iron acetate, N. F., IV, 100-lb. cbys..lb. .15 - —
djns., 50 lbs.....lb. .16 - —
liquor, bbls., c.l., dlvd.....lb. .03 - —
l.c.l., dlvd.....lb. .04 - —
Chloride (ferric), tech., anhydr., 390-lb. dms..100 lbs. 4.65 - 6.25
150-lb. dms.....100 lbs. 5.00 - 6.60
cryst., bbls., works, frt. alld. or equald..lb. .05 - .06
kegs, works, frt. alld. or equald..lb. .07½- .08
liquor, cbys., works, frt. alld. or equald..lb. .05 - .06
USP X, cryst., bbls.....lb. .07½- —
kegs .....lb. .08½- —
USP solut., cbys., works, frt. alld. or equald..lb. .06½- .07
djns. .....lb. .07½- —
USP VIII, pearls.....lb. .72 - .75
powd., cns.....lb. .84 - .87
scales, cns.....lb. .77 - .80
Iron glycerophosphate, bbls., kgs., 1,000-lb. lots..lb. 3.15 - —
smaller lots.....lb. 3.25 - —
cns., 25 lbs.....lb. 3.37 - —
Hypophosphite, cns.....lb. 1.55 - 1.60

Iron, iodide, bots.....lb. 3.18 - 3.32
syrup, djns. .....lb. .39 - —
bots. .....lb. .53 - —
Nitrate, coml., kgs.....lb. .02¾- .03
Oxalate, powd., kgs.....lb. .47 - —
cns. .....lb. .52 - —
scales, cns.....lb. .83 - .85
Oxide (see Black, Red, etc.).
Phosphate, ferric, pearls, cns., 50 lbs..lb. .54 - —
25 lbs.....lb. .57 - —
scale, cns., 50 lbs.....lb. .59 - —
25 lbs.....lb. .62 - —
ferrous, 200-lb. bbls.....lb. .35 - —
25-lb. bxs.....lb. .40 - —
100-lb. kgs.....lb. .37 - —
Pyrophosphate, pearls, cns...lb. .59 - .62
scales, cns.....lb. .64 - .67
Reduced, 90%, cs.....lb. .60 - .65
Sulphate, tech. (see Copperas and ferric sulphate).
Sulphate, USP, cryst., 275-lb. bbls..lb. .04¼- —
dms., 100 lbs.....lb. .06½- —
Iron-ammonia citrate, brown, gran., cns..lb. .35 - .38
pearls, cns.....lb. .35 - .38
scales, cns.....lb. .47 - .50
green, gran., cns.....lb. .35 - .38
pearls, cns.....lb. .35 - .38
scales, cns.....lb. .47 - .50
Iron-ammonia oxalate, bxs....lb. .30 - —
fib. dms.....lb. .23½- —
kgs. .....lb. .25½- —
Iron-potash oxalate, bbls.....lb. .42 - —
kgs. .....lb. .44 - —
jars .....lb. .48 - —
Iron-soda oxalate, bxs.....lb. .30 - —
fib. dms.....lb. .23½- —
kgs. .....lb. .25½- —
Isobutylacetate, 55-gal. dms., works..lb. .069 - —
tanks, works.....lb. .059 - —
Isopentane, dms., works.....lb. .48 - —
small lots, works.....lb. .50 - —
Isophorone, dms., works.....lb. .25 - —
Isopropanol (see Alcohol, isopropyl).
Isopropyl acetate, dms., 5 gals., E. of Rockies, frt. alld..lb. .10½- —
55 gals., c.l., E. of Rockies, frt. alld..lb. .07 - —
55 gals., l.c.l., E. of Rockies, frt. alld..lb. .07½- —
tanks, E. of Rockies, frt. alld..lb. .06 - —
Alcohol (see Alcohol).
Ether, dms., 5 gal., frt. alld., gal. .55 - —
55 gal., c.l., E. of Miss., frt. alld..gal. .35 - —
55 gal., c.l., W. of Miss., frt. alld..gal. .39 - —
l.c.l., E. of Miss., frt. alld., gal. .44 - —
tanks, E. of Miss., frt. alld., gal. .25 - —
W. of Miss., frt. alld., gal. .29 - —

J

Jarborandi leaves, bls.....lb. .11 - .13
Jalap root, NF, bls.....lb. .35 - .40
powd., bbls., bxs.....lb. .40 - .45
resin, lump, 100 lb. lots, cns.lb. 5.75 - —
powd., bxs.....lb. 5.80 - —
Juniper berries, bgs.....lb. .12 - .13

K

Kamala, tins.....lb. .42 - .43
Kaolin (see China clay).
Kava kava root, bls.....lb. .14 - .16
Kerosene, at refinery:—
Bayonne, 41-43 w.w., tanks, gal. .0560- —
Gulf ports, p.w., bulk.....gal. .07⅝- —
Louisiana - Arkansas, 41-43 w.w., bulk..gal. .04 - .04⅝
Oklahoma-Texas, 41-43 w.w., tanks..gal. .03⅞- .04
42-44 w.w., tanks.....gal. .04 - .04¼
Pennsylvania, 45 w.w., tanks, gal. .04⅝- .04⅞
46 w.w., tanks.....gal. .04¾- .05
47 w.w., tanks.....gal. .04⅞- .05⅛
Kerosene, tankwagon:—
Atlanta .....gal. .12 - —
Boston .....gal. .08¼- —
Chicago .....gal. .10 - —
Cincinnati .....gal. .13 - —
Denver .....gal. .11½- —
Louisville .....gal. .10 - —
Minneapolis .....gal. .104 - —
New Orleons.....gal. .11 - —
New York.....gal. .09 - —
San Francisco.....gal. .11½- —
Kerosene distillate (see Oil, furnace).
Kieserite, calc., 96-98% $MgSO_4$ bgs., c.l., ex vessel Atlantic, Gulf ports, duty pd..ton. No Prices
Kola nuts, bgs.....lb. .12 - .13

L

Lady slipper root, bls.....lb. .36 - .37
Lanolin (see Adeps lanae).
Lard, city, tubs.....100 lbs. 5.75 - 6.00
Middlewestern, trcs....100 lbs. 6.00 - 6.10
Neutral, trcs.....100 lbs. 6.75 - 7.00
Western, choice, trcs..100 lbs. 6.10 - 6.20
Compound, trcs.....100 lbs. 9.00 - 9.50
Larkspur seed, bgs.....lb. 1.00 - 1.10
Laurel berries, bls.....lb. .25 - .26
Leaves, Greek, bls.....lb. .05¼- .05⅝
Lavender flowers, ordinary, bls.lb. .48 - .49
medium, bls.....lb. .42 - .43
select, bls.....lb. .37 - .38
Lead acetate, white, broken, bbls. lb. .11 - —
cryst., bbls.....lb. .11 - —
gran., bbls.....lb. .11¾- —
powd., bbls.....lb. .11¾- —
Arsenate, bgs., c.l.....lb. .08½- .11
l.c.l., bgs., c.l.....lb. .09 - .11½
Lead arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for works or whse. pick ups.
Blue, basic, sulphate, bbls., c.l., dlvd. E..lb. .06¼- —
dlvd., Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo. .....lb. .06¼- —
l.c.l., dlvd. E.....lb. .06½- —
l.c.l., dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo.....lb. .07 - —
Carbonate (see Lead, white).
Chloride, pure, bots., 5 lbs., lb. .62 - —
fib. dms., 25 lbs.....lb. .40 - —
Iodide, NF V, powd., 5 lb. bots..lb. 2.66 - —
jars .....lb. 2.55 - —
Linoleate, pale, precip., dms.lb. .19 - —
Metal (see daily quotations in market report).
Metallic, paste, 200-lbs. cont., f.o.b. works..lb. .19 - —
5-lb. cont., f.o.b. works....lb. .22 - —
Nitrate, bbls.....lb. .11 - .14
Oleate, bbls.....lb. .18½- .20
Peroxide, cns., works.....lb. .46 - .47
Red, dry, 95% or less Pb_3O_4, bbls., c.l. (20 tons), dlvd., Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash...lb. .08 - —
other points.....lb. .07¾- —
l.c.l., 5 tons, dlvd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. of Cascade Mts. in Ore. and Wash..lb. .08½- —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash. .....lb. .09 - —
Colo., Mont., N. Mex., Wyo..lb. .08¾- —
other points.....lb. .08¼- —
smaller lots, Ala., etc.lb. .09 - —
Ariz., etc.....lb. .09¼- —
Colo., etc.....lb. .09¼- —
other points.....lb. .08¾- —
97%, Pb_3O_4, bbls., c.l., (20 tons), dlvd., Ala., etc., lb. .08¼- —
other points.....lb. .08 - —
l.c.l., 5 tons, dlvd., Ala., etc..lb. .08¾- —
Ariz., etc.....lb. .09¼- —
Colo., etc.....lb. .09 - —
other points.....lb. .08½- —
smaller lots, dlvd. Ala. etc..lb. .09¼- —
Ariz., etc.....lb. .09¾- —
Colo., etc.....lb. .09¼- —
other points.....lb. .09 - —
98%, Pb_3O_4, bbls., c.l. (20 tons), dlvd., Ala., etc..lb. .08¾- —
other points.....lb. .08¼- —
l.c.l., 5 tons, dlvd., Ala., etc..lb. .09 - —
Ariz., etc.....lb. .09¼- —
Colo., etc.....lb. .09¼- —
other points.....lb. .08¾- —
l.c.l., smaller lots, dlvd., Ala., etc..lb. .09¾- —
Ariz., etc.....lb. .10¼- —
Colo., etc.....lb. .10 - —
other points.....lb. .09½- —
in oil, 95% min., 100-lb. kgs., lb. .12½- —
Resinate, fused 15%, bbls....lb. .09½- —
pale, bbls.....lb. .11½- —
precip., bbls.....lb. .16½- —
Stearate, bbls.....lb. .21 - —
Sulphate (see Lead, white basic sulphate).

Iron Iodide—Lime

Lead, titanate, bbls., c.l. (20 tons), works, frt. alld..lb. .10 - —
l.c.l., 5 tons, one delvy., E. frt. alld..lb. .10¼- —
Pac. Cst., ex whse...lb. .10¼- —
smaller lots, E. frt. alld., lb. .10½- —
Pac. Cst., ex whse...lb. .10½- —
White, dry, basic, carbonate, bbls., c.l., dlvd., Ariz., Calif., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash. and Wyo..lb. .07¼- —
other points.....lb. .07 - —
l.c.l., dlvd., Ariz., etc.lb. .07½- —
other points.....lb. .07¼- —
basic sulphate, bbls., c.l., dlvd., Ariz., etc..lb. .06½- —
other points.....lb. .06¼- —
l.c.l., dlvd., Ariz., etc. lb. .06¾- —
other points.....lb. .06½- —
in oil, 100-lb. kgs., consumers, lb. .12¾- —
dealers .....lb. .10¾- —
painters .....lb. .11¾- —
Consumers' price and painters' price are ½c. lower on orders of 500 lbs. or more.
Lecithin, 100%, cns., f.o.b., N.Y. or Chi..lb. 2.50 - —
edible, grade 1, dms., c.l. same basis..lb. .45 - —
l.c.l., same basis.....lb. .47½- .65
grades 2 or 3, dom., c.l. same basis..lb. .47½- —
l.c.l., same basis.....lb. .50 - .67½
grade 4, dms., c.l., same basis..lb. .50 - —
l.c.l., same basis.....lb. .52½- .70
purified, cs., dms. c.l., same basis..lb. .65 - —
l.c.l., same basis.....lb. .67½- .85
tech., grade 1, dms., c.l. same basis..lb. .35 - —
l.c.l., same basis.....lb. .37½- .55
grades 2 or 3, dms., c.l. same basis..lb. .37½- —
l.c.l. same basis.....lb. .40 - .57½
grade 4, dms., c.l., same basis..lb. .40 - —
Lecithin prices quoted above are for goods packed in 25, 50 or 100-lb. dms. When goods are packed in 500-lb. dms., prices are 1c. per lb. less.
Lemon peel, bls.....lb. .13 - .15
Licorice extract, mass., cs.....lb. .18 - .19
powd., bbls.....lb. .24 - .25
root, cuttings, bls.....lb. .07 - .09
powd., bbls., bxs.....lb. .11 - .12
select, bndls., cs.....lb. .27 - .30
Lime, chemical (quicklime), lump or pebble, bulk, f.o.b.
Bellefonte, Pa.....ton. 7.00 - —
Berkley, W. Va.....ton. 7.00 - —
Carey, Ohio.....ton. 7.00 - —
Cedar Hollow, Pa.....ton. 8.50 - —
Crab Orchard, Tenn.ton. 6.25 - —
Eagle Mountain, Va.ton. 7.00 - —
Farnams, Mass.....ton. 8.00 - —
Gibsonburg, Ohio....ton. 7.00 - —
Hannibal, Mo.....ton. 6.50 - —
Keystone, Ala.....ton. 7.00 - —
Knoxville, Tenn.....ton. 6.25 - —
Limedale, Ark.....ton. 7.00 - —
Longview, Ala.....ton. 6.25 - —
Manistique, Mich....ton. 8.00 - —

Lecithin

(Vegetable)

Now available in either Soya Bean Oil or Cocoa Butter carrier for prompt delivery direct from factory.

For Export, packed in 100-lb. crated steel-strapped cans or 450-lb. open-head drums.

Inquiries for these and other chemicals are invited.

TARTARIC ACID • CREAM OF TARTAR • ROCHELLE SALT
CITRIC ACID • SAPONIN • ACETIC ANHYDRIDE
ETHYLENE DIAMINE • SODIUM PERBORATE

NEUBERG CHEMICAL CORPORATION

441 LEXINGTON AVENUE, NEW YORK CITY • TELEPHONE MURRAY HILL 6-1990

Lime, Hydrated—Monosodium

Lime, chemical (quicklime), lump or pebble, bulk, f.o.b.
- Martinsburg, W. Va.ton. 7.00 - —
- Menominee, Mich....ton. 8.00 - —
- Mitchell, Ind.....ton. 6.50 - —
- Newala, Ala.....ton. 6.25 - —
- Rincon, Cal.....ton.13.00 - —
- Ripplemead, Va.....ton. 7.00 - —
- Riverton, Va.....ton. 7.00 - —
- San Francisco, Cal..ton.13.00 - —
- Scioto, Ohio.....ton. 6.50 - —
- Springfield, Mo.....ton. 7.00 - —
- Woodville, Ohio.....ton. 7.00 - —
- York, Pa.....ton. 7.00 - —

Hydrated, paper bags, f.o.b.
- Bellefonte, Pa.....ton. 8.50 - —
- Berkley, W. Va.....ton. 8.50 - —
- Buffalo, N. Y.....ton.10.00 - —
- Carey, Ohio.....ton. 8.50 - —
- Cedar Hollow, Pa....ton. 8.50 - —
- Crab Orchard, Tenn.ton. 9.00 - —
- Eagle Mountain, Va.ton. 9.00 - —
- Farnams, Mass.....ton. 8.50 - —
- Gibsonburg, Ohio....ton. 8.50 - —
- Hannibal, Mo.....ton. 8.50 - —
- Keystone, Ala.....ton. 9.00 - —
- Knoxville, Tenn.....ton.10.00 - —
- Le Roy, Minn.....ton. 8.50 - —
- Lime Crest, N. J....ton. 8.50 - —
- Limedale, Ark.....ton. 9.00 - —
- Longview, Ala.....ton. 9.00 - —
- Louisville, Ky.....ton.14.50 - —
- Manistique, Mich....ton. 9.00 - —
- Marblehead, Ohio....ton. 9.50 - —
- Martinsburg, W. Va.ton. 8.50 - —
- Mitchell, Ind.....ton. 9.00 - —
- Newala, Ala.....ton. 9.00 - —
- Potoskey, Mich.....ton. 9.00 - —
- Port Island, Mich....ton. 9.00 - —
- Rapid City, S. D....ton.12.00 - —
- Ripplemead, Va.....ton. 9.00 - —
- San Francisco, Cal..ton.16.00 - —
- Springfield, Mo.....ton. 9.00 - —
- Woodville, Ohio.....ton. 8.50 - —
- York, Pa.....ton. 8.50 - —

Hydrated, spray, paper bags, f.o.b. Bellefonte, Pa..ton. 9.00 - —
- Carey, Ohio.....ton.11.00 - —
- Farnams, Mass.....ton. 9.50 - —
- Gibsonburg, Ohio.....ton.11.00 - —
- Lime Crest, N. J....ton. 8.50 - —
- Marblehead, Ohio....ton.11.00 - —
- Scioto, Ohio.....ton.10.00 - —
- Woodville, Ohio.....ton.11.00 - —
- York, Pa.....ton. 9.00 - —

Lime salts (see Calcium).

Lime-sulphur, dry, dealers, bgs., c.l., E. of and incl. N. Dak., S. Dak., Neb., Kan., Okla., Tex..lb. .07½- .08½
- dms., same basis.....lb. .10½- —
- 400 lbs., or more, bgs., same basis..lb. .07¾- .08¾
- dms., same basis.....lb. .11 - —
- less than 400 lbs., same basis, lb. .08½- .09½
- dms., same basis.....lb. .12 - —
- solution, Zone 1, dms., consumers..gal. .16 - —
- Zone 2, tanks, dealers, wks., gal. .08½- —
- 30-50 dms.....gal. .11 - .15
- Zone 3, tanks, dealers, dlvd., gal. .07½- —
- 30-50 dms.....gal. .10½- .14½
- Zone 4, tanks, dealers, wks., gal. .08 - —
- dms., wks., except Cal..gal. .12 - —
- Zone 5, tanks, dealers, dlvd., gal. .10½- —
- dms. .....gal. .12 - —
- Zone 6, tanks, dealers....gal. .07½- —
- 30-50 dms.....gal. .10 - .14

Prices for lime sulphur solution are f.o.b warehouse points, freight allowed. Zone 1 includes Ga., S. C., Ala., N. C., except the counties of Ashe, Surry, Stokes, Rockingham and Alleghany; Tenn., east of Tenn. River. Zone 2: New England States, Zone 3, Ark., Ohio, Ind., Ill., Ia., Ky., Wis., Minns., Mo., and Tenn. west of Tenn. River; Penn., eastern tier, and W. Va. western tier. Zone 4: West of Rocky Mountains, except southern California, which makes up Zone 5. Zone 6: N.Y. east of Herkimer, N. J., Md., Del., Va., Pa.—all counties lying east of the western boundary of Bedford, Blair, Center, Clinton and Potter, W. Va.—counties of Mineral, Hampshire, Morgan, Berkeley, Jefferson, and Hardy, N. C.—counties of Ashe, Alleghany, Surry, Stokes and Rockingham.

Linalool, cns.....lb. 2.10 - 3.30

Linalyl acetate, cns.....lb. 2.00 - 3.00

Linden flowers, with leaves, bls.lb. .32 - .35
without leaves, bls.....lb. .30 - .35

Linseed cake, bags, export...ton.26.50 -27.00
meal, 34%, bgs.....ton.34.00 - —

Litharge, com'l, powd., bbls., 20-tons, dlvd., Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash..lb. .07 - —
- dlvd., other points....lb. .06¾- —
- 5 tons, dlvd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash..lb. .07½- —
- Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash..lb. .08 - —
- Colo., Mont., N. Mex., Wyo..lb. .07¾- —
- other points.....lb. .07¼- —
- smaller lots, dlvd., Ala..lb. .08 - —
- Ariz., etc.....lb. .08½- —
- Colo., etc.....lb. .08¼- —
- Other points.....lb. .07¾- —

Lithium bromide, bbls., 100 lbs., works, frt. equal'd..lb. 1.90 - —
- 50 lbs., works.....lb. 1.93 - —
- 25 lbs., works.....lb. 1.95 - —
- Carbonate, 250-lb. bbls.....lb. 1.25 - —
- 100-lb. kgs.....lb. 1.30 - —
- Chloride, 25-lb. jars.....lb. 1.65 - 1.70
- Citrate, 250-lb. bbls.....lb. 1.40 - —
- 25-lb. dms.....lb. 1.45 - —
- 100-lb. kgs.....lb. 1.40 - —
- Fluoride, bbls.....lb. 2.10 - 2.25
- Iodide, 5-lb. bots.....lb. 4.85 - —
- 25-lb. jars.....lb. 4.70 - —

Lithopone, titanated (high-strength), bgs., c.l. (20 tons)..lb. .05 - —
- smaller lots.....lb. .05¼- —
- bbls., c.l. (20 tons).....lb. .05¼- —
- smaller lots.....lb. .05½- —
- ordinary, bgs., c.l. (20 tons)...lb. .0360- —
- smaller lots.....lb. .0385- —
- bbls., c.l. (20 tons).....lb. .0385- —
- smaller lots.....lb. .04¼- —

Lithopone in car lots is delivered East or the Pacific Coast and in less than car-lot quantities delivered East or ex warehouse Pacific Coast.

Liverwort leaves, bls.....lb. .50 - .51

Lobelia, herb, bls.....lb. .13 - .14
- Seed, bgs.....lb. .35 - .36

Logwood extract, cryst., bbls..lb. .20 - .24
- liquid, 51°, bbls.....lb. .10½- .12½
- solid, bxs.....lb. .16½- .20½

Lovage root, dom., bls.....lb. .55 - .56
- imports, bls.....lb. .45 - .60

Lupulin, N. E.. tins.....lb. 1.65 - 1.70

Lycopodium, cs.....lb. 4.00 - 4.10

M

Mace, Banda, cs.....lb. .55 - .56
- Batavia, cs.....lb. .29 - .30
- Sinaw, cs.....lb. .45½- .46

Madder, Dutch, bbls.....lb. .22 - .25

Magnesia, arsenate, dms.....lb. .18 - .20
- Calcined, tech., U.S.P., bbls., wks..lb. .26 - —
- Carbonate, tech., Zone 1, c.l., bgs..lb. .06¼- —
- bbls. .....lb. .07½- —
- kgs. .....lb. .08¾- —
- l.c.l., bgs.....lb. .07¼- —
- bbls. .....lb. .08½- —
- kgs. .....lb. .09¾- —
- Zone 2, c.l., bgs.....lb. .06¼- —
- bbls. .....lb. .07½- —
- kgs. .....lb. .08¾- —
- l.c.l., bgs.....lb. .07 - —
- bbls. .....lb. .08¼- —
- kgs. .....lb. .09½- —
- U.S.P., Zone 1, c.l., bgs..lb. .08 - —
- bbls. .....lb. .08½- —
- kgs. .....lb. .09¾- —
- Magnesia carbonate, U.S.P., Zone 1, l.c.l., bgs..lb. .09 - —
- bbls. .....lb. .09½- —
- kgs. .....lb. .10¾- —
- Zone 2, c.l., bgs.....lb. .08 - —
- bbls. .....lb. .08½- —
- kgs. .....lb. .09¾- —
- l.c.l., bgs.....lb. .08¾- —
- bbls. .....lb. .09¼- —
- kgs. .....lb. .10½- —

Magnesia:—Zone 1—Mass., Conn., R. I., N.Y., N.J., Pa., D. of C., Del. and Md., C.l., shipments ,full fr't alld. up to, but not exceeding, 25c. per 100 lbs., actually paid by customers. On l.c.l. shipments, fr't alld., including dlvd. storedoor. Magnesia prices are f.o.b. Plymouth Meeting. Zone 2—Balance of U. S.: prices f.o.b. Plymouth Meeting, Ambler, Phillipsburg, Valley Forge, and New York.

Chloride, anhyd., dom., bbls., dlvd..lb. .13 - —
- flake, dom., bbls., wks., c.l., ton.32.00 - —
- l.c.l., bbls., wks.....ton.39.00 -42.00

Hypophosphite, cns., 100 lbs..lb. 1.45 - —
- 25 lbs.....lb. 1.50 - —

Oxide (see Calcined).

Palmitate, bbls.....lb. .33 Nom.

Peroxide, 15%, dms., works..lb. 1.00 - 1.35

Silicate (see Talc).

Silicofluoride, bbls.....lb. .11 - .11½

Stearate, bbls., ctns., c.l.....lb. .24 - —
- 1 ton.....lb. .25 - —
- 1,000-2,000 lbs.....lb. .26 - —
- smaller lots.....lb. .27 - —

Sulphate (see Epsom salt).

Magnesite, cal., dom., bgs....ton.58.00 62.00
- Import, bgs., duty paid....ton.58.00 -65.00
- dead-burned, dom., bulk, c.l., f.o.b. Chewelah, Wash..ton.25.00 - —

Magnesium hydroxide, medicinal, bbls., 200 lbs..lb. .25 - —
- dms., 25 lbs.....lb. .30 - —
- kgs., 100 lbs.....lb. .26 - —

Trisilicate, cs., 500-lb. lots..lb. .58 - —
- 100-lb. lots.....lb. .55 - —
- cns. .....lb. .75 - .80

Malva flowers, black, bls.....lb. .45 - .50
- blue, bls.....lb. .45 - .50
- Leaves, bls.....lb. .19 - .20

Manaca root, bls.....lb. .23 - .24

Mandrake root, bls.....lb. .12 - .13

Manganese acetate, dms.....lb. .3[illegible]½- —
- Arsenate, bgs.....lb. .12 - .12½
- Borate, tech., bbls.....lb. .15 - .16
- Carbonate, bbls.....lb. .19 - —
- Chloride, bbls.....lb. .08½ Nom.
- Dioxide, African, battery, 84-87%, bbls., 28-40 tons, works, ton.69.00 - —
- 5-15 tons, works.....ton.72.00 - —
- ½ 4 tons, works.....ton.77.00 - —
- Caucasian, 85-90%, bbls., c.l., works..ton.66.50 - —
- l.c.l., 5 tons, works...ton.69.50 - —
- smaller lots, works..ton.74.50 - —
- burlap bgs., c.l., works.ton.64.25 - —
- l.c.l., 5 tons, works..ton.67.25 - —
- smaller lots, works.ton.72.25 - —
- paper bgs., c.l., works.ton.62.50 - —
- l.c.l., 5 tons, works..ton.65.50 - —

Glycerophosphate, bbls., kgs., 1,000-lb. lots..lb. 2.30 - —
- smaller lots.....lb. 3.00 - —
- cns., 25 lbs.....lb. 3.12 - —

Hydrate, bbls., dlvd.....lb. .82 - —

Iodide, bots., 5 lbs.....lb. 5.55 - —
- jars, 25 lbs.....lb. 5.70 - —

Linoleate, liquid, 4%, dms...lb. .18 - .19½
- solid, precip., 8.2%, bbls...lb. .19 - —

Ore, Cuban, 51-52%, basis Atl. ports..unit-ton. .50 - —

Resinate, fused, 3½%, bbls..lb. .08¼- .08½
- precip., dms.....lb. .12 - —

Sulphate, anhyd., ton lots, works..lb. .08 - .08½
- single bbls., works.....lb. .08¼- .08¾
- fertilizer, 65%, $MnSo_4$, bgs., c.l., dlvd., South..ton.52.00 - —
- l.c.l., bgs.....ton.59.00 -73.25

Mangrove bark, bgs., shipt...ton.31.50 - —

Manna flake, large, cs.....lb. .70 - .75
- small, cs.....lb. .50 - .55

Mannitol, com'l grade, 99% pure, ton lots, works..lb. .42 - —
- 250 lbs., bbls., works.....lb. .50 - —
- reagent grade, 25-lb. tins, 100-lb. lots, works..lb. .95 - —
- 50-lb. lots, works.....lb. 1.00 - —

Marble flour, bgs.....ton.12.00 -14.00

Marjoram, French, bls.....lb. .25 - .25½
- Tunisan, bls.....lb. .24 Nom.
- Chilean, bls.....lb. .17½- .18

Matico leaves, bls.....lb. .30 - .32

Menthol, USP, natural, cs.....lb. 3.60 - —
- synthetic, tech., cs.....lb. 2.50 - —
- USP, cs.....lb. 3.25 - —
- liquid, dms., 50 lbs.....lb. 1.50 - —

Menthyl salicylate, tins, 100-lb. lots..lb. 3.00 - —
- 25-lb. lots.....lb. 3.10 - —

Mercurial ointment, 30%, pails, 50 lbs.....lb. 1.34 - —
- 25 lbs.....lb. 1.36 - —
- 50%, pails, 50 lbs.....lb. 1.94 - —
- 25 lbs.....lb. 1.96 - —

Mercury (see Quicksilver).

Ammoniated (see white precipitate).

Bichloride (see Corrosive sublimate).

Bisulphate, 5-lb. bots.....lb. 2.82 - —
- 100-lb. fib., dms.....lb. 2.69 - —
- 25-lb. jars.....lb. 2.71 - —

Chloride (see Calomel).

Iodide, red, N.F., 5-lb. bots..lb. 4.71 - —
- 100-lb. fib., dms.....lb. 4.60 - —
- yellow, 5-lb. bots.....lb. 4.81 - —
- fib. dms., 100 lbs.....lb. 4.73 - 4.75

Mercury, nitrate ointment (see Citrine ointment).

Oxide, red, N.F. (see Red precipitate), tech. (see Red, mercury oxide).
- yellow, dom., tech., bbls...lb. 2.66 - —
- USP, fib., dms., 50 lbs. or more..lb. 3.18 - —

Mercury and chalk, 5-lb. ctns..lb. 1.85 - —
- 25-lb. fib., dms.....lb. 1.73 - 1.75
- fib., dms., 25 lbs.....lb. 1.60 - 1.65

Mesityl oxide, cns., works.....lb. .20½- .22½
- dms., c.l., dlvd.....lb. .16 - —
- l.c.l., dlvd.....lb. .16½- —
- tanks, dlvd.....lb. .15 - —

Metal leaf, pkgs., of 20 books (500 leaves), aluminum, 5½x5½ in..pkg. 1.50 - 1.75
composition, 5½x5½ in..pkg. 1.70 - 1.80
gold, XX deep, 23K, 3⅜x3⅜ in..pkg.15.25 15.75
3⅜x3⅜ in.....pkg.16.15 -17.50
4x4 in.....pkg.19.50 -20.00
3⅜x5⅞ in.....pkg.22.50 -23.00
3⅜x5⅞ in.....pkg.24.50 -25.00
Silver, 3⅜x3⅜ in.....pkg. 2.75 - 2.85

Metanitroparatoluidin, bbls.....lb. 1.30 - —

Metaphenylenediamine, kgs.....lb. .65 - —

Metatoluylenediamine, kgs.....lb. .65 - —

Methanol, natural, producer group A, denat., grade, tanks..gal. .40 - —
- 97%, tanks.....gal. .32 - —
- 95%, tanks.....gal. .31 - —

Methanol in drums, car lots, is 5c. per gal. higher, frt. alld., east of the Rocky Mts. Prices on the Pacific Coast are 3c. higher on tanks and 4c. per gal. higher on drums; car lots.

Methanol, natural, producer group B, pure, tanks, frt. alld.,
- Zone 1.....gal. .33 - —
- Zone 2.....gal. .35½- —
- Zone 3.....gal. .36½- —
- Zone 4.....gal. .37 - —
- dms., c.l., Zone 1.....gal. .38 - —
- Zone 2.....gal. .41 - —
- Zone 3.....gal. .42 - —
- Zone 4.....gal. .44 - —
- dms., l.c.l., Zone 1.....gal. .40½- —
- Zone 2.....gal. .47 - —
- Zone 3.....gal. .44½- —
- Zone 4.....gal. .60 - —

95%, frt. alld., prices 2c. less than pure, all zones.

97%, frt. alld., prices 1c. less than pure, all zones.

Natural methanol sales zones are:—Zone 1, Conn., Del., D. of C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Tenn., R. I., Tenn., Vt., Va., W. Va., Wisc.; zone 2, Ala., Ark., Col., Fla., Ga., Kan., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo.; zone 3, Los A., San Fran., Seattle, Wash., Portland, Ore., Zone 4, Ariz., Cal., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash.

synthetic, pure, dms., c.l., Zone 1, frt. alld..gal. .35½- —
- 2, frt. alld.....gal. .37½- —
- 3, frt. alld.....gal. .39½- —
- 4, frt. alld.....gal. .41½- —
- l.c.l., Zone 1, frt. alld, or dlvd..gal. .38 - —
- 2, frt. alld, or dlvd..gal. .45½- —
- 3, dlvd., S. F. and L. A., gal. .42 - —
- 4, frt. alld, or dlvd..gal. .53½- —
- tanks, Zone 1, frt. ald...gal. .30 - —
- 2, frt. alld.....gal. .32 - —
- 3, frt. alld.....gal. .34 - —
- 4, frt. alld.....gal. .34½- —

Synthetic methanol sales zones are:—Zone 1, Conn., Del., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn. Mo. N. H., N J., N. Y., N. C., Ohio, Penn., R. I., S. C., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. D., Tex., Wyo.; Zone 3, Los Angeles, Cal.; San Francisco, Cal.; also (c.l., only) Portland, Ore., and Seattle, Wash.; Zone 4, Ariz., Cal., N. Mex., Mont., Nev., Idaho, Ore., Utah, Wash.

Methyl acetate, 97-99%, dms., c.l., E. of Miss. R..lb. .10½- —
W. of Miss. R.....lb. .11½- —
l.c.l., dms., dlvd. E. of Miss. R..lb. .11 - —
W. of Miss. R.....lb. .12 - —
tanks, dlvd., E. of Miss. R. lb. .09¼- —
W. of Miss. R.....lb. .10½- —
tech., dms., c.l., dlvd., E. of Miss. R..lb. .07 - —
W. of Miss. R.....lb. .08 - —
l.c.l., dlvd., E. of Miss. R. lb. .07¼- —
W. of Miss. R.....lb. .08½- —
tanks, dlvd. E. of Miss. R. lb. .06 - —
W. of Miss. R.....lb. .07 - —

Acetoacetate, dms., c.l., works, frt. alld..lb. .29½- —

Acetone, natural, producer group A, dms., c.l..gal. .41 - —
- l.c.l. .....gal. .44 - —
- tanks .....gal. .35 - —

Methyl acetone prices are frt. alld., east of Rocky Mts. Prices on Pacific Coast are 3c. per gal. higher on tanks and 4c. per gal. higher on drums, car lots.

Natural, producer group B, tanks, Zone 1..gal. .35 - —
- Zone 2.....gal. .37½- —
- Zone 3.....gal. .38½- —
- Zone 4.....gal. .39 - —
- dms., c.l., Zone 1.....gal. .41 - —
- Zone 2.....gal. .44 - —
- Zone 3.....gal. .45 - —
- Zone 4.....gal. .47 - —
- dms., l.c.l., Zone 1....gal. .44 - —
- Zone 2.....gal. .50½- —
- Zone 3.....gal. .48 - —
- Zone 4.....gal. .63½- —

Natural methyl acetone sales zones are:—Zone 1, Conn., Del., D. of C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., Tenn., Vt., Va., W. Va., Wisc. Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo. Zone 3, Los. A., San Fran., Seattle, Wash., Portland, Ore. Zone 4, Ariz., Cal., Mont., Nev., N. Mex., Ore., Utah, Wash.

Acetone, synthetic, dms., c.l., E. of Rockies..gal. .44 - —
W. of Rockies.....gal. .48 - —
l.c.l., E. of Rockies...gal. .47½- —
W. of Rockies.....gal. .51½- —
tanks, E. of Rockies....gal. .36 - —
W. of Rockies.....gal. .39½- —

Alcohol (see Methanol).

Anthranilate, bots.....lb. 2.10 - 2.25

Benzoate, cns., 25 lbs.....lb. .70 - 1.00

Bromide, cyl.....lb. .65 - .75

Chloride, refrigeration, 500 lbs., and up, machine mfrs. and jobbers, cylinders..lb. .32 - —
- service men and consumers, cyl..lb. .36 - —
- 60 to 499 lbs., cyl., mach. mfrs. and jobbers..lb. .36 - —
- service men and consumers, cyl..lb. .40 - —

Methyl chloride, refrigeration, tanks, multi-unit, mach. mfrs. and jobbers..lb. .31 - —
- service men and consumers, lb. .35 - —

Methyl chloride quotations are spot or contract, effective July 1, for delivery to any common carrier point in United States. Prices above are in 60, 90 and 180-lb. cylinders. Prices on the 20-lb. cylinders are uniformly 10c. per pound higher than above prices.

Methyl, cinnamate, bls.....lb. 1.75 - 2.00
- Formate, dms.....lb. .80 - —
- Lactate, dms., l.c.l., dlvd...lb. .80 - —
- Iodide, bots.....lb. 3.68 - 3.82
- Salicylate, dms.....lb. .35 - .37
- cns. .....lb. .37 - .40
- Violet toner, bbls.....lb. .88 - —
- permanent, bbls.....lb. .80 - —

Methylamyl ketone, dms., works, l.c.l..lb. .25 - —
- smaller containers, same basis, lb. .28 - —

Methylcellulose, dms., 100 lbs. or more, frt. alld..lb. .70 - —
- less than 100 lbs., works..lb. .75 - —

Methylcyclohexane, 98-100%, dms., works, frt. alld., E. of Rockies..lb. .25 - —

Methylcyclohexanol, 98 - 100%, dms., works, frt. alld., E. of Rockies..lb. .30 - —

Methylcylohexanone, 98 - 100%, dms., works, frt. alld., E. of Rockies..lb. .58 - —

Methylene blue, medcl., kgs., 100 lbs..lb. 2.00 - —
- cns., 5 lbs.....lb. 2.35 - —
- Chloride, dms., f.o.b. works..lb. .18 - .22

Methylethyl ketone, dms., c.l., frt. pd. E. of Rocky Mts., tn. .07 - —
- l.c.l., same terms.....lb. .07½- —
- tanks, same terms.....lb. .06 - —

Methylheptenone, bots.....lb. 2.45 - 3.00

Methylheptin carbonate, bots..lb.28.00 -44.00

Methylhexyl ketone, dms., tech., works..lb. .60 - —

Methylisobutyl ketone, dms., 55-gal., c.l., works..gal. .70 - —
- l.c.l., works.....gal. .80 - —
- smaller containers, works.gal. 1.00 - —
- tanks, works.....gal. .70 - —

Methylnaphthyl ketone, dom., cryst., bots..lb. 3.25 - 3.39
- imp., bots.....lb. 3.10 - —

Methylpropyl ketone, dms., c.l..lb. .20½- —
- l.c.l. .....lb. .21 - —
- tanks .....lb. .19½- —

Metronite pigment, 120 mesh, containers extra, c.l., f.o.b. Milwaukee..ton. 9.00 - —
- l.c.l., same basis.....ton.11.00 - —

180 mesh, containers extra, c.l., same basis..ton.11.00 - —
- l.c.l., same basis.....ton.13.00 - —

250 mesh, containers extra, l.c.l., same basis..ton.20.00 - —
- l.c.l., same basis.....ton.15.00 - —

325 mesh, containers extra, c.l., same basis..ton.18.00 - —
- l.c.l., same basis.....ton.20.00 - —

Mica, dry grd., amber, No. 1 quality, bgs., extra and returnable, c.l., works..ton.30.00 - —
- l.c.l., 5,000 lbs., works, ton.40.00 - —
- 1,000 lbs., works....lb. .02 - —
- 500 lbs., works....lb. .02½- —
- 100 lbs., works....lb. .03 - —

refined, bgs. extra and returnable, c.l., works..ton.20.00 - —
- l.c.l., 5,000 lbs., works, ton.39.00 - —

paint, bgs., extra and returnable, c.l., works..ton.55.00 - —
- l.c.l., 5,000 lbs., works, ton.65.00 - —

white, No. 1 quality, bgs., extra and returnable, c.l., works..ton.35.00 - —
- l.c.l., 5,000 lbs., works, ton.45.00 - —
- 1,000 lbs., works..lb. .02½- —
- 500 lbs., works..lb. .03 - —

roofing, bgs. extra and returnable, c.l., works..ton.29.00 - —
- l.c.l., 5,000 lbs., works, ton.39.00 - —

paint, bgs. extra and returnable, c.l., works..ton.60.00 - —
- l.c.l., 5,000 lbs., works, ton.70.00 - —

wet-ground, paint or lacquer, bgs., c.l., frt. alld. E..lb. .04½- —
- l.c.l., ex whse., or frt. alld. E..lb. .05 - —

paper, wall or coated, bgs., c.l., frt. alld. E..lb. .04⅜- —
- l.c.l., ex whse., or frt. alld. E..lb. .04⅞- —

rubber, bgs., c.l., frt. alld. E., lb. .04¼- —
- l.c.l., ex whse., or frt. alld. E..lb. .04¾- —

wet-ground mica prices are ½c. per pound higher west of Rockies.

Milk powder, skimmed, roller, bbls., c.l..lb. .07 - —
- l.c.l. .....lb. .08 - —
- spray, bbls., c.l.....lb. .07½- —
- l.c.l. .....lb. .08½- —
- unskimmed, roller, bbls., c.l., lb. .15½- —
- l.c.l. .....lb. .16½- —
- spray, bbls., c.l.....lb. .16 - —
- l.c.l. .....lb. .17 - —

Millet seed, yellow, bgs.....lb. .03 - .03½
- early fortune, bgs.....lb. .03 - .03½
- hulled bgs. .....lb. .05½- .06

Mineral spirits (see Petroleum thinner and V M & P naphtha).

Molasses, blackstrap, tanks, f.o.b. No. Atlantic ports..gal. .05½- .06

Molybdate orange (see Orange, molybdate).

Molybdenum metal, kgs., 99% powd..lb. 2.60 - 3.00

Trioxide, pure, kgs., basis Mo. content, works..lb. 1.60 - —
- technical, kgs., basis Mo. content, works..lb. .80 - —

Monoamylamine, dms., c.l., wks., lb. .52 - —
- l.c.l. works.....lb. .53 - .55
- tanks .....lb. .50 - —

Monobutylamine, dms., c.l., wks., lb. .50 - —
- l.c.l. works.....lb. .51 - .53
- tanks, works.....lb. .48 - —

Monochlorobenzene, dms., l.c.l., lb. .06 - .08

Monoethanolamine, dms., c.l., works..lb. .24 - —
- l.c.l., dms.....lb. .25 - —
- tanks .....lb. .23 - —

Monoethylamine, basis 100% amine content, dms., l.c.l., works, lb. .65 - —

Monoethylanilin, dms.....lb. .77 Nom.

Monomethylamine, dms., c.l., dlvd..lb. .65 - —
- l.c.l., dlvd.....lb. .70 - —

Monomethylpara-aminophenol sulphate, dms..lb. 3.75 - 4.00

Monosodiumphosphate (see Soda phosphate monobasic).

Morphine, bots., 5 ozs.....oz. 11.10 - —
cns., 25 oz.....oz. 10.90 - —
Acetate, bots., 5 ozs.....oz. 9.00 - —
bots., 25 ozs.....oz. 8.80 - —
Ethylhydrochloride, bots., 5 ozs.
oz. 10.75 - —
cns., 25 ozs.....oz. 10.55 - —
Hydrobromide, bots., 5 ozs..oz. 8.95 - —
cns., 25 ozs.....oz. 8.75 - —
Sulphate, bots., 5 ozs.....oz. 9.00 - —
cns, 25 ozs.....oz. 8.80 - —
Morpholine, dms., 55 gal., l.c.l., works..lb. .75 - —
smaller containers, works....lb. 1.00 - —
Mullein leaves, cns.....lb. .12 - .14
flowers, cns.....lb. 1.45 - 1.50
Musk, nat., Tonquin, grained, bots..oz. 21.00 -22.00
pods, caddies, 20 ozs.....oz. 19.00 -21.00
synth, ambrette, cns., 100 lbs., or more..lb. 3.65 - —
5 lbs. to 75 lbs.....lb. 3.80 - —
1 lb.....lb. 3.95 - —
ketone, cns., 100 lbs. or more, lb. 3.70 - —
5 lbs. to 75 lbs.....lb. 3.95 - —
1 lb.....lb. 4.10 - —
xylol, cns., 100 lbs. or more, lb. 1.05 - —
5 lbs. to 75 lbs.....lb. 1.15 - —
1 lb.....lb. 1.20 - —
Musk root, bls.....lb. .40 - .45
Mustard seed, California, brown, bgs..lb. .09 - .09½
Danish, yellow, bgs.....lb. .12 - .12½
Dutch, yellow, bgs.....lb. .10½- .11
English, yellow, bgs.....lb. No stocks
Roumanian, yellow, bgs....lb. .09½- .10
Myrobalans, J1, bgs., f.a.s...ton. 28.50 - —
J2, bgs., f.a.s.....ton. 23.50 - —
Extract, liquid, 25%, bbls...lb. No prices
solid, 50%, bbls.....lb. No prices
powdered, 70%, bbls.....lb. .06 Nom.

N

Naphtha, Painters, (see Petroleum naphtha V. M. & P.).
Solvent (see S).
Naphthalene, crude, dom., 74 deg., bgs., c.l., works, 100 lbs. 2.25 Nom.
bgs., bbls., l.c.l., works, 100 lbs. 2.50 Nom.
78 deg., bgs., c.l., works, 100 lbs. 2.50 Nom.
l.c.l., works.....100 lbs. 2.75 Nom.
import, bgs., c.i.f.....100 lbs. 3.00 - —
Refined, balls or flakes, bbls., wholesalers and jobbers, f.o.b. works..lb. .06¾- —
50-lb. cs., same basis..lb. .07 - —
pkgs. (16 oz.), same basis, lb. .07½- —
(12 oz.) same basis..pkg. .06 - —
chipped, crushed, bbls., same basis..lb. .06 - —
rice, cryst., powd., bbls., same basis..lb. .06¾- —
Neroiin, cryst., cns.....lb. 1.25 - 1.35
Nickel carbonate, bbls.....lb. .36 - .36½
Chloride, bbls.....lb. .18 - .20
Cyanide, 100-lb. dms.....lb. 1.40 - —
25-lb. bot.....lb. 1.50 - —
Oxide, black, bbls.....lb. .35 - .38
Salt, bbls.....lb. .13 - .13½
Nicotine sulphate, 40%, dms., works, frt. alld..lb. .70 - —
10-lb. tins.....lb. .86½- —
Nitercake, bulk, works.....ton. 16.00 - —
Nitrobenzene, dbl. dist., dms., c.l. lb. .08 - —
l.c.l.....lb. .09 - —
tanks.....lb. .07 - —
Nitrocellulose, alcohol-soluble, ½, and 40 sec. vis., bbls., works, lb. .28 - —
bronzing, 20, 40, 70 sec. vis., bbls., works..lb. .29 - —
ester soluble, 30-35 cps., ¼, ½ sec., bbls., c.l., dry weight, works..lb. .22 - —
l.c.l., 30-35 cps., ¼, ½ sec., bbls., dry weight, works..lb. .26 - —
5-6, 15-20, 30-40, and 60-80 sec., bbls., c.l., dry weight, works..lb. .20 - —
l.c.l., 5-6, 15-20 sec., high vis., bbls., works..lb. .25 - —
lacquer, 20-30 and 60-80 sec., vis., bbls., works..lb. .29 - —

Nitrocellulose prices are quoted on the basis of dry weight; denatured alcohol used in manufacture is charged extra. Barrels are to be paid for extra, but are returnable.

Nitrogen solution, nitrogen basis, tanks, f.o.b. Atlantic and Gulf ports..unit-ton. 1.2158 - —
Nitrogenous fertilizer material, 8-11% ammon., dom., bulk, f.o.b. Carrollville, Wis., dlvd..unit-ton. 1.95 - —
f.o.b. Chemical, Ill., unit-ton. 1.95 - —
East Coast producing points..unit-ton. 2.50 - —
import, bgs., c.i.f. Atlantic ports, shipt..unit-ton. 2.45 - —
Nitronaphthalene, bbls.....lb. .24 - .25
Nutgalls, Alleppo, bgs., cs....lb. .29 - .32
Chinese.....lb. .23 - —
Extract (see Gall extract).
Nutmegs, 80s, bgs., cs.....lb. .22 - .22½
110s, bgs., cs.....lb. .20 - .20½
West Indian, bgs.....lb. .11½- .11⅝
Nux vomica, bls.....lb. .05 - .06
powd., bbls., bxs.....lb. .08 - .09

O

Oakbark extract, 25% tan., bbls., c.l., works..lb. .03¼- —
l.c.l., bbls., works.....lb. .03⅝- —
tanks.....lb. .02¾- —
Ocher (see Yellow).
Octane, 100-140° C., mixed, dms., c.l., G.3..gal. .12½- —
l.c.l., G.3.....gal. .17 - —
tanks, G.3.....gal. .10¾- —
Octyl acetate, dms., c.l., works..lb. .16 - —
l.c.l., works.....lb. .17 - —
tanks, works.....lb. .15 - —
Oil, almond, bitter, artif. (see Benzaldehyde).
natural, bots.....lb. 2.00 - 2.10
s.p.a., bots.....lb. 2.10 - 2.20
sweet, true, exp., cns....lb. .85 - .90
Amber, crude, cns.....lb. .19 - .20
ref'd, cns.....lb. .50 - .51
Amyris, cns.....lb. 2.00 - 2.25
Angelica root, bots.....lb. 42.00 -45.00
seed, bots.....lb. 70.00 -75.00
Anilin (see A).
Anise, USP, cns., dms.....lb. .68 - .70
Apricot, kernels, cns.....lb. .40 - .41
Babassu, tanks.....lb. .06½- —
Bay, W. I., 50-55% phenols, cns..lb. 1.20 - 1.25
55-60% phenols, cns.....lb. 1.30 - 1.35
Bergamot, artif., cns.....lb. 1.25 - 1.30
natural, coppers.....lb. 5.00 - 5.50
Betula (see Oil, sweet birch).
Birch (see Oil, sweet birch).
Birchtar, crude, dms.....lb. .25 - .26
rectified, cns.....lb. .75 - .80

Oil, bois de rose, Brazil, cns..lb. 1.65 - 1.75
Cade, USP IX (see Oil, juniper tar).
Cadjeput, tech., dms.....lb. .61 - .62
USP, IX, cns.....lb. .71 - .72
Calamus, cns.....lb. 8.25 - 8.50
Camphor, sassafrassy, cns...lb. .39 - .40
dms.....lb. .36 - .37
white, cns.....lb. .52 Nom.
dms.....lb. .50 Nom.
Cananga, native, cns.....lb. 1.60 - 1.65
rectified, cns.....lb. 1.85 - 2.00
Capsicum (oleoresin) N. F. VI, cns..lb. 2.50 - 2.75
Caraway, USP, cns.....lb. 3.00 - 3.25
Cardamon, bots.....lb. 15.00 -16.00
Cassia, USP, cs., dms.....lb. 1.30 - 1.35
Castor, blown, one-way dms., c.l..lb. .14¾ Nom.
l.c.l.....lb. .15½- —
cold pressed, USP, bbls., cl., lb. .13¾ Nom.
l.c.l.....lb. .14 - —
cns. (1-gal.), l.c.l.....lb. .17 - —
dms. (returnable), c.l...lb. .13 Nom.
l.c.l.....lb. .13¾- —
(5-gal.), l.c.l.....lb. .15 - —
tanks.....lb. .12½ Nom.
extracted No. 3, tech, bbls., c.l..lb. .12¾ Nom.
l.c.l.....lb. .13¼- —
dms. (returnable), c.l.....lb. .12½ Nom.
l.c.l.....lb. .13¼- —
tanks.....lb. .12 Nom.
dehydrated, dms., c.l.....lb. .181 Nom.
l.c.l.....lb. .185 - —
tanks.....lb. .17½ Nom.

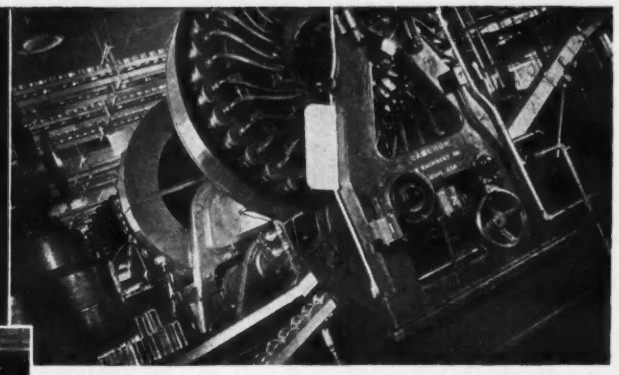
Castor oil, med. and No. 3, prices are dlvd. all points between N.Y. and Philadelphia, Albany, and N. E. States; Chicago c.l. prices ¾c. higher than N. Y.; l.c.l. prices ¾c. higher than N. Y.; one-way drums, ¼c. higher, all points.

Oil, castor, sulphonated, 50% (43% fat), dms., c.l..lb. .082 - —
l.c.l.....lb. .092 - —
75½ (63% fat) dms., c.l..lb. .10¾- —
l.c.l.....lb. .11¾- —
80% (68% fat), dms., c.l..lb. .11 - —
l.c.l.....lb. .12 - —
Cedarleaf, cs.....lb. .90 - .95
dms.....lb. .85 - .90
Cedarwood, Oregon, cns., dms. lb. .28 - .30
Southern, cns., dms.....lb. .19 - .22
Celery, bots.....lb. 9.00 -10.00
Chaulmoogra, USP, cns., 500 lbs. lb. 1.00 - —
25 lbs.....lb. 1.25 - —
Chinawood, dms.....lb. .26½- .27
tanks.....lb. .25½- .26
Cinnamon, Ceylon, bots.....lb. 9.25 -25.00
Seychelle, bots.....lb. 7.25 - 8.00
Citronella, Ceylon, cns.....lb. .42 - .43
dms.....lb. .40 - .41
Java, cns., dms.....lb. .39 - .40
Clove, makers, USP, cns....lb. 1.25 - 1.30
dms.....lb. 1.20 - 1.25
Coconut, Manila, crude, tanks, lb. .03¼- —
edible, 76°, tax incl, dms. (returnable), c.l..lb. .08⅝- —
l.c.l.....lb. .09½- —
tanks.....lb. .07¾- —
Cod, Newfoundland, shipt., untanked..gal. .65 Nom.
Norwegian, shipt., bbls...gal. .63 Nom.
Codliver, med., USP, bbls..bbl. 32.00 -35.00
Coriander, bots.....lb. 11.50 -12.50
Corn, crude, tanks, wks.....lb. .06¼- .06⅝
refd., bbls.....lb. .08⅜- .08⅝
Cottonseed, cooking, bbls.....lb. .08⅜- —
salad, bbls.....lb. .09¼- —
Import, Brazilian, semi-refd., bulk..lb. .0435 Nom.
Creosote (see C).

Morphine—Oil, Fuel

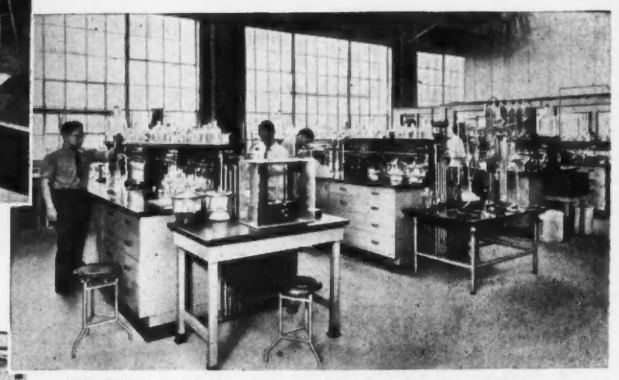
Oil, croton, N.F., cns.....lb. 2.00 - 2.25
Cubeb, USP, cns.....lb. 3.50 - 3.75
Crude (see Petroleum, crude).
Cumin, bots.....lb. 6.50 - 7.00
Cypress, dom., bots.....lb. 5.25 - 5.50
import, cns.....lb. 12.00 -12.25
Degras (see D).
Diesel, Bayonne, bulk.....bbl. 2.10 - —
California, 24 plus, bulk...bbl. 1.55 - —
Dill seed, bots.....lb. 3.00 - 3.25
weed, bots.....lb. 3.60 - 3.85
Dip (see L).
Erigeron, cns.....lb. 2.00 - 2.25
Eucalyptus, cns.....lb. .69 - .72
dms.....lb. .66 - .69
Fennel, sweet, cns.....lb. 2.25 - 3.00
Fuel, bunker, California, tide-water..bbl. .90 - —
Gulf Coast.....bbl. .90 - .95
Louisiana, Arkansas, 10-14..bbl. .85 - 1.00
N. Y. and N. J. terminals:—
Monday.....bbl. 1.50 - —
Tuesday.....bbl. 1.50 - —
Wednesday.....bbl. 1.50 - —
Thursday.....bbl. 1.50 - —
Friday.....bbl. 1.50 - —
Saturday.....bbl. 1.50 - —
North Texas, 18-22.....bbl. .75 - .85
24-28, zero cold test....bbl. 1.00 - 1.10
Oklahoma, 18-22.....bbl. .75 - .85
24-28, zero cold test....bbl. 1.00 - 1.05
24-28, 15 and above.....bbl. .80 - .85
Pennsylvania, 3640.....gal. .04 - .04½
Furnace, Bayonne, 1, bulk, refinery..gal. .0510- .06
2, bulk, same basis....gal. .05¼- .06¼
4, bulk, same basis....gal. .0510- .06
Louisiana - Arkansas, 32 - 36, light straw..gal. .03¼- .03¼

Quality CONTROL

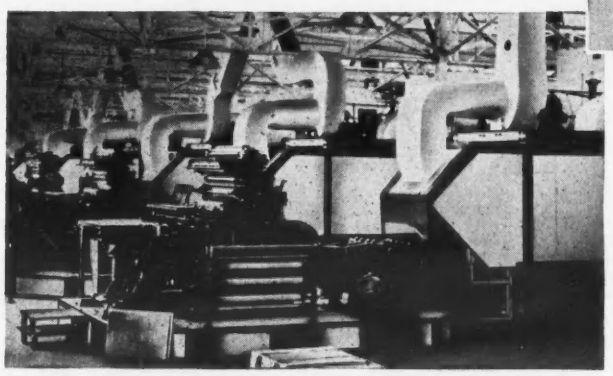


This big can tester is protection against leakage and is typical of the splendid, modern equipment in Crown's great new plant at Philadelphia.

Crown maintains large engineering staffs at Philadelphia and Baltimore for the development and fabrication of better containers.



The Chemical laboratories at Philadelphia have fully equipped bacteriological, chemical and processing departments. Raw materials are subject to the most rigid inspection.



Only the latest type of lithographing equipment is used in Crown's big plant. That is why Crown Cans are so superior in appearance and design. ★

AT all Crown plants, control is the watchword. Control of plate, control of dies and tools, control of all equipment by the most painstaking and unremitting inspection and supervision.

CROWN CAN COMPANY, PHILADELPHIA, PA.
Division of Crown Cork and Seal Co.
BALTIMORE ST. LOUIS HOUSTON MADISON ORLANDO

CROWN CAN

Oil, Furnace—Oil, Wheat

Oil, furnace, Oklahoma, 28-30	gal.	.03 - —
32-36	gal.	.03¾- .03¼
36-38	gal.	.03¾- .03⅞
38-40 sern, 60 e.p.	gal.	.03¾- .04
Fusel (see F).		
Gas, Bayonne, bulk	gal.	.04 - —
Gulf Coast, bulk	gal.	.03½- —
North Texas, bulk	gal.	.02¾- —
Oklahoma, bulk	gal.	.03 - —
Gaultheria (see Oil, wintergreen leaf).		
Geranium, Algerian, rose, cns.,	lb.	2.75 - 3.10
Bourbon, cns.	lb.	2.40 - 3.10
Turkish (see Palmarosa).		
Grapefruit, cns.	lb.	1.75 - 1.80
Grapeseed, dms.	lb.	.40 - .45
Ginger, dist., bots.	lb.	5.00 - 5.50
Guaiac wood, concrete, bots.	lb.	2.50 - 2.65
Haarlem, import, bots.	gross	5.00 - 5.50
Hemlock, cns.	lb.	1.00 - 1.25
Juniper berry, USP, cns.	lb.	2.00 - 2.25
Wood, tech., cns.	lb.	.45 - —
Juniper tar, USP XI, 1,000 lbs., dms.	lb.	.40 - .42
cns.	lb.	.45 - .47
Lard, common, 1, bbls.	lb.	.08 - —
2, bbls.	lb.	.07¾- —
extra, bbls.	lb.	.08¾- —
1, bbls.	lb.	.08¼- —
Winter, strained, bbls.	lb.	.08½- —
prime, burning, bbls.	lb.	.09¼- —
prime, ined., bbls.	lb.	.08½- —
Laurel, bots.	lb.	4.50 - 4.60
Lavandin, cns., 25 lbs.	lb.	2.15 - 2.20
Lavender flower, French, 50% ester, cns.	lb.	5.25 - 5.30
38-42% ester, cns.	lb.	4.00 - 4.05
35-38% ester, cns.	lb.	2.75 - 2.80
30-32% ester, cns.	lb.	2.50 - 2.60
garden, cns.	lb.	.42 - .45
spike, Spanish, tech, cns.	lb.	1.20 - 1.25
dms.	lb.	1.15 - 1.20
Lemon, Calif., cns.	lb.	3.00 - —
Messina, coppers, cns.	lb.	3.75 - 4.50
Terpeneless, Type 1	lb.	10.75 -16.50
Type 2	lb.	8.50 -14.50
Lemongrass, native, cns., dms.	lb.	.70 - .73
Lime, dist., cns.	lb.	3.60 - 4.25
expressed, cns.	lb.	7.25 - 7.50
Terpeneless, Type 1	lb.	42.00 -46.50
Type 2	lb.	60.00 -78.00
Linaloe wood, cns.	lb.	1.50 - 1.60
Linseed, raw, bbls., c.l.	lb.	.1080- .1100
l.c.l., 10 to 69	lb.	.1120- .1130
5 to 9	lb.	.1140- —
less than 5	lb.	.1160- —
tanks	lb.	.1020- .1040
Boiled linseed oil .004 cents over raw.		
Lovage, bots.	lb.	41.25 60.00
Lubricating, at refinery (including U.S. tax 4c. per gal):—California, green, 70, 80, 100, vis., dms.	gal.	.20 - —
140 vis., dms.	gal.	.25 - —
green, pale, 750, 900 vis., dms.	gal.	.26 - —
green, pale, red, 200, 300, 350, 400, 450, 500, 600, 700 vis. dms.	gal.	.26 - —
Oklahoma, bright stocks, 100-110 D. color 4, 0-10 pour, tanks.	gal.	.25 - —
15-25 pour, tanks.	gal.	.26 - —
150-160 D, color, 4½, 0-10 pour, tanks.	gal.	.26 - —
15-25 pour, tanks.	gal.	.24 - —
150-160 E, color 5½, 15-25 pour, tanks.	gal.	.25 - —
190-200 D, color 4¾, 15-25 pour, tanks.	gal.	.26 - —
neutrals, 0-10 pour, 150 vis., 3 colors, tanks.	gal.	.12 - —
180 vis., 5 color, tanks.	gal.	.14½- —
4 color, tanks.	gal.	.14 - —
200 vis., 3 color, tanks.	gal.	.15½- —
4 color tanks.	gal.	.15 - —
250 vis., 3 color, tanks.	gal.	.16 - —
4 color, tanks.	gal.	.15½- —
280 vis., 3 color, tanks.	gal.	.17½- —
4 color, tanks.	gal.	.17 - —
15-25 pour prices are ½c. per gallon higher than zero to 10° pour.		
Penn., bright, 600, 10-15 pour, tanks.	gal.	.28 - .32
25 pour, tanks.	gal.	.30 - .33
cylinder, 600 fire, tanks.	gal.	.17 - —
600 flash, tanks.	gal.	.21 - —
630 flash, tanks.	gal.	.23 - —
635 fire, tanks.	gal.	.19 - —
650 fire, tanks.	gal.	.20 - —
Warren, E, amber, tanks.	gal.	.23 - —
Warren, E, neutral, 150 vis., 3 color, tanks.	gal.	.25 - .27
180 vis., 3 color, tanks.	gal.	.27 - .29
200 vis., 2 color, tanks.	gal.	.27 - .32
spot, Penna., bright, bbls., c.l., f.a.s.	gal.	.28 - —
unfiltered, 600 s.r.	bbls., f.a.s.	gal. .23 - —
600 flash, s.r., bbls., c.l.	gal.	.25 - —
Penna., 630 flash, bbls., c.l., f.a.s.	gal.	.28 - —
Warren, E., bbls., c.l., f.a.s.,	gal.	.26 - —
smaller lots, f.o.b.	gal.	.27 - —
Mace, dist., cns., dms.	lb.	1.90 - 1.95
Mandarin, superior, coppers.	lb.	6.00 - 7.50
Menhaden, crude, tanks, f.o.b. Balto.	gal.	.34 Nom.
refd., alkali, dms.	lb.	.0810- —
tanks	lb.	.0690- —
blown, dms.	lb.	.0830- —
kettle-boiled, dms.	lb.	.0930- —
light-pressed, dms.	lb.	.0750- —
tanks	lb.	.0690- —
Mineral, white (see Oil, white mineral).		
Mustard, artif., USP, cns.	lb.	1.60 - 1.70
dist., natural, bots.	lb.	8.50 - 9.00
Neatsfoot, 20° cold test, bbls.,	lb.	.17½- —
extra, bbls.	lb.	.08¼- —
1, bbls.	lb.	.08 - —
prime, bbls.	lb.	.08⅜- —
pure, bbls.	lb.	.13¼- —
sulphonated, common, 25% moisture, dms.	lb.	.10½- —
Neroli, bots.	lb.	100.00 -150.00
Nutmeg, USP, cns., dms.	lb.	1.90 - 1.95
Oiticica, dms.	lb.	.19 - .20
Oleo, 1, bbls.	lb.	.07¼- —
2, bbls.	lb.	.07 - —
Olibanum, bots.	lb.	5.00 - 5.25
Olive, denat., dms.	gal.	.94 - .95
edible, dms.	gal.	1.85 - 1.95
foots, dms.	lb.	.08⅜- —
sulphonated, 50% (42% fat), dms., c.l.	lb.	.09 - —
l.c.l.	lb.	.10 - —
75% (63% fat), dms., c.l.	lb.	.12 - —
l.c.l.	lb.	.13 - —
80% (68% fat), dms., c.l.	lb.	.122- —
l.c.l.	lb.	.132- —
Orange, sweet, dist., cs.	lb.	.90 - —
expressed, African, cns., dms.	lb.	1.10 - 1.15
Calif. cns.	lb.	1.60 - —
Florida, cns.	lb.	1.20 - 1.25
Mesina, USP, coppers.	lb.	3.80 - 5.00
West Indies, cns.	lb.	2.20 - 2.30
terpeneless	lb.	68.00 -69.00
Origanum, cns.	lb.	1.10 - 1.65
Orris, Florentine, concrete, extra strong, bots.	oz.	5.50 - 6.00
Palm, Niger, dms.	lb.	.04⅝- —
shipment	lb.	.04 - —
softs, 12½%, bulk, shipt.	lb.	.03 - —
Sumatra, shipt., bulk	lb.	.03 Nom.
Palmarosa, cns.	lb.	2.25 - 2.50
Palmkernel, bulk, shipt.	lb.	No prices
Paraffin, 320° flash, 60-70 vis., tanks, G 3.	gal.	.05¼- —
350° flash, 70-80 vis., tanks, G. 3.	gal.	.05½- —
80-85 vis., bbls., extra, Ind. refy.	gal.	.12 - —
350° flash, 100-105 vis., bbls., extra, Ind. refy.	gal.	.14 - —
360° flash, 100-110 vis., tanks, G. 3.	gal.	.05¾- —
Patchouli, bots., cns.	lb.	4.60 - 7.00
Peanut, crude, dom., tanks.	lb.	.06½ Nom.
refd., edible, bbls.	lb.	.09⅝- .09¾
Pennyroyal, dom., cns.	lb.	3.00 Nom.
import, cns.	lb.	2.75 - 2.80
Peppermint, natural, cns., dms.,	lb.	2.75 - 3.00
redist., USP, cns., dms.	lb.	3.00 - 3.25
Perilla, dms.	lb.	.21 Nom.
tanks	lb.	.20 Nom.
Petitgrain, Paraguay, cns.	lb.	1.55 - 1.60
Pimento berry, cns.	lb.	4.35 - 7.25
leaf, cns.	lb.	2.40 - 2.50
Pine, dest.-dist., straw-color, dms., dlvd., E. ports.	gal.	.53 - .56
steam-dist., dms.	gal.	.59 - —
tanks	gal.	.54 - —
Pineneedle, Siberian, cns.	lb.	1.20 - 1.25
Putty, bbls., E. Segundo, Richmond, Cal.	gal.	.22½- —
contracts	gal.	.19½- —
Whiting, Ind.	gal.	.28 - —
dms., c.l., Bost., Provid.	gal.	.25 - —
l.c.l., same basis	gal.	.27 - —
tanks, same basis	gal.	.18 - —
Martinez, Cal.	gal.	.28 - —
Rapeseed, blown, bbls.	lb.	.17 - .17½
denat., bbls.	gal.	1.00 - 1.05
Red, dist. or saponif., dms., dlvd.	lb.	.08 - .09
tanks, dlvd.	lb.	.07½- —
Rose, artif., bots.	oz.	2.00 - 2.25
natural, coppers.	oz.	5.25 -22.50
Rosemary, Spanish, cns.	lb.	.75 - .80
dms.	lb.	.70 - .75
Rosin, 1st rectfd., dms.	gal.	.50 - —
2d rectfd., dms.	gal.	.52 - —
3d rectfd., dms.	gal.	.56 - —
Rue, bots.	lb.	3.00 - 3.25
Sage, cns.	lb.	2.75 - 3.00
Sandalwood, E. I., USP, cns.	lb.	5.25 - 5.50
Mysore, cns., case lots.	lb.	No prices
Sardine, crude, tanks, Pac. Cst.,	gal.	.37 Nom.
refd., alkali, dms.	lb.	.0810- —
tanks	lb.	.0750- —
kettle-boiled, dms.	lb.	.0930- —
light-pressed, dms.	lb.	.0750- —
tanks	lb.	.0690- —
Sassafras, artif., cns.	lb.	.73 - .74
dms.	lb.	.70 - .71
natural, cns., dms.	lb.	1.20 - 1.25
Savin, cns.	lb.	3.15 - 3.20
Savory, cns.	lb.	2.00 - 2.25
Sesame, refd., dom., dms.	lb.	.16 Nom.
Shingle stain, bbls., c.l., wks.,	gal.	.19 - —
l.c.l., works.	gal.	.20 - —
tanks, works.	gal.	.14 - —
Snakeroot, Canada, cns.	lb.	9.50 -10.00
Soybean, dom., crude, dms.	lb.	.06¾- .07⅜
tanks	lb.	.06 Nom.
refd., dms.	lb.	.07⅝- .08⅛
tanks	lb.	.07 - .07⅛
Spearmint, dms.	lb.	2.15 - 2.20
Sperm, bleach, 38° dms.	lb.	.1030- —
45°, dms.	lb.	.0960- —
natural, dms.	lb.	.0910- —
Spruce, cns., dms.	lb.	1.00 - 1.25
Sweet, birch, North, cns.	lb.	2.25 - 2.65
South cns.	lb.	1.45 - 1.50
Tall, crude, dms., c.l., works,	ton.	40.00 - —
l.c.l., works	ton.	45.00 - —
tanks, works	ton.	30.00 - —
distilled, dms., c.l., dlvd.	lb.	.06½- .07
l.c.l., dlvd.	lb.	.06½- .08¼
tanks, dlvd.	lb.	.05 - .06¾
refined, dms., c.l., works.	lb.	.04 - —
l.c.l., works.	lb.	.04½- —
tanks, works.	lb.	.03½- —
Tallow, acidless, bbls.	lb.	.08 - —
tanks	lb.	.07½- —
Tansy, cns.	lb.	6.25 - 6.50
Tar, pine, com'l, dms., dlvd. E. cities.	gal.	.26 - —
E. ports.	gal.	.25 - —
rectfd., USP, bbls., dlvd., E. ports.	gal.	.20 - —
Tar acid (see T).		
Teaseed, crude, dms.	lb.	.12 Nom.
Tea Tree (see Oil, Ti tree).		
Thyme, NF, red, dms.	lb.	.80 - 1.75
white, dms.	lb.	.95 - 1.95
Tung (see Oil, chinawood).		
Ti tree, cns.	lb.	2.30 - 2.35
Turkey red (see Oil, castor, sulphonated).		
Turpentine (see T).		
Turtle, cns.	gal.	7.50 Nom.
Valerian, bots.	lb.	8.00 - 9.00
Vetiver, bots.	lb.	8.50 -15.00
Whale, refd., natural, dms.	lb.	.0910- —
winter, bleach, dms.	lb.	.0950- —
Wheat germ, cns., dms.	gal.	17.50 -35.00

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Oil, white, mineral, dom., dms., tech., 50-90 vis., dms.	gal.	.33	- .34
65-75 vis., dms.	gal.	.40	- .46
80-90 vis., dms.	gal.	.41	- .47
USP, 80-90 vis., dms.	gal.	.44½	- .50
95-105 vis., dms.	gal.	.57	- .58
125-135 vis., dms.	gal.	.64½	- .65½
140-150 vis., dms.	gal.	.67	- .69
175-185 vis., dms.	gal.	.72½	- .73½
200-210 vis., dms.	gal.	.74½	- .75½
320-330 vis., dms.	gal.	.78	- .81
335-345 vis., dms.	gal.	.81	- .82
Russian, 80-90 vis., dms.	gal.	No prices	
145-155 vis., dms.	gal.	No prices	
175-185 vis., dms.	gal.	No prices	
335-345 vis., dms.	gal.	No prices	
Wintergreen, natural, North, cns.	lb.	4.00	- 5.00
South, cns.	lb.	3.05	- 3.75
synth (see Methyl salicylate).			
Wood (see Oil, chinawood).			
Wormseed, cns.	lb.	4.25	- 4.30
Wormwood, cns.	lb.	6.00	- 6.25
Ylang-ylang, Bourb., bots., cns.	lb.	2.50	- 2.75
Manila, bots.	lb.	18.00	-24.00
Olivine, aggregate, c.l., mines,	ton.	7.00	-11.00
Lumps, same basis	ton.	7.00	- —
Spalls, same basis	ton.	5.00	- —
ground, 325 mesh, c.l., mines,	ton.	20.00	- —
200 mesh, c.l., mines	ton.	17.00	- —
100 mesh, c.l., mines	ton.	15.00	- —
20 mesh to dust	ton.	12.00	- —
Opium USP, cns.	lb.	11.50	-12.50
gran., cns.	lb.	12.50	-13.50
powd., cns.	lb.	12.50	-13.50
Orange Lake, Persian, bbls.	lb.	.30	- .45
Mineral, Amer., bbls., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. of Cascade Mts. in Ore. and Wash.	lb.	.11	- —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash.	lb.	.11½	- —
Colo., Mont., N. M., Wyo.	lb.	.11¼	- —
Other points	lb.	.10¾	- —
Smaller lots, dlvd., Ala., etc.	lb.	.11½	- —
Ariz., etc.	lb.	.12	- —
Colo., Mont., N. M.,			
Colo., Mont., N. M., Wyo.	lb.	.11¾	- —
Other points	lb.	.11¼	- —
French, Tours, casks, ex dock,	lb.	.13½	- —
kgs., ex dock	lb.	.14½	- —
Molybdate, bbls.	lb.	.31	- —
Toner, bbls.	lb.	.80	- —
Orangeflower petals, cs.	lb.	.50	- .65
Orange peel, bitter, bls.	lb.	.09	- .10
sweet, bls.	lb.	.15	- .16
Orris root, Florentine, bgs.	lb.	.14	- .17
fingers, cs.	lb.	1.15	- 1.20
powd., bbls., bxs.	lb.	.21	- .22
Verona, bls.	lb.	.15	- .16
powd., bxs., cs.	lb.	.19	- .20
Orthoanisidin, bbls.	lb.	.70	- —
Orthochloroanilin, dms.	lb.	.60	- .75
Orthochlorophenol, dms.	lb.	.82	- —
Orthocresol, dms., c.l., works.	lb.	.16	- —
l.c.l., same basis	lb.	.16½	- —
Orthodichlorobenzene, dms., c.l., works, frt. alld. E. of Rockies.	lb.	.06	- —
l.c.l., same basis	lb.	.07	- —
100-lb. tins, same basis.	lb.	.08	- —
50-lb. tins, same basis.	lb.	.09	- —
tanks, same basis	lb.	.05½	- —
Orthodichlorobenzene prices west of Rockies 1c. per lb. higher.			
Orthonitroanilin, dms.	lb.	.55	- —
Orthonitrochlorobenzene, dms.	lb.	.15	- .18
Orthonitroparachlorophenol, cns.	lb.	.75	- —
Orthonitrotoluene, dms.	lb.	.09	- —
Orthophenetidin, dms.	lb.	.80	- —
Orthotoluidin, dms.	lb.	.19	- —
Osage orange extract, cryst., bbls.,	lb.	.21	- —
liquid, 42°, bbls.	lb.	.09	- —
51°, bbls.	lb.	.10	- —
Oxyquinolin sulphate, cns., 100-lbs., works.	lb.	3.50	- —
bots., cns., 1-50 lbs.	lb.	3.65	- 4.00
Orthotoluene hydrochloride, dms.	lb.	.22	- —
Sulphonate, kgs.	lb.	2.00	- 2.05

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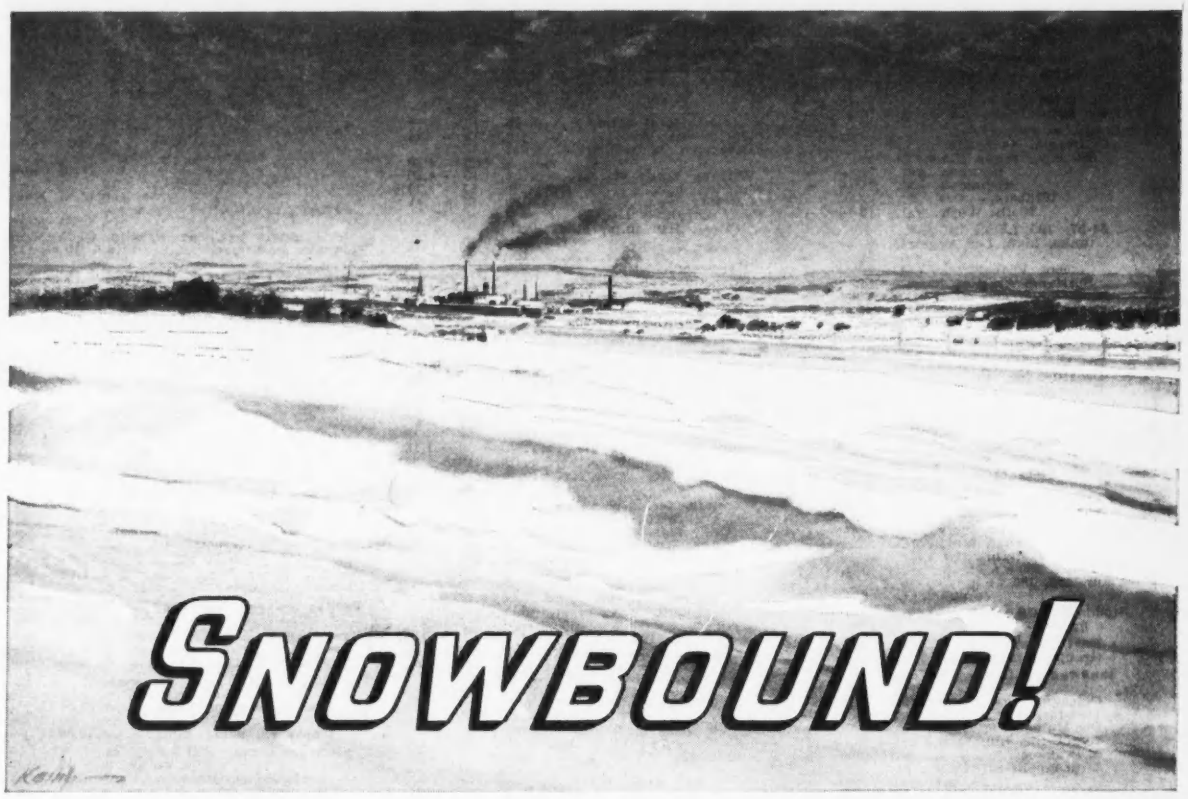
Papain, powd., cs.	lb.	1.50	- 1.60
Paprika, Hungarian, extra fancy, bgs.	lb.	.33	- .34
medium, bgs.	lb.	.29	- .29½
Portuguese, extra fancy, bgs.	lb.	.31½	- .32
fancy, bgs.	lb.	.30½	- .31
Spanish, extra fancy, cs.	lb.	.37	- .38
Parachlorophenol, dms.	lb.	.32	- —
Paracymene, refd., dms.	gal.	.75	- 1.25
Paradichlorobenzene, dms., c.l.	lb.	.11	- .12
l.c.l.	lb.	.12½	- .15½
Paraffin, crude, scale, white 122-124 A.m.p., bgs., c.l., Okla., refy.	lb.	.05¼	- —
bbls., c.l., N.Y.	lb.	.05¼	- .05½
124-126 A.m.p., bgs., c.l., Okla., refy.	lb.	.05¼	- —
bbls., c.l., N. Y.	lb.	.05½	- .05¾
yellow, 124-126 A.m.p., bbls., c.l., N.Y.	lb.	.05½ Nom.	
fully refd., slabs, 123-125 A.m.p., bgs., c.l.	lb.	.0660	- —
loose, c.l.	lb.	.0625	- —
125-127 A.m.p., bgs., c.l.	lb.	.0675	- —
loose, c.l.	lb.	.0640	- —
128-130 A.m.p., bgs., or loose, c.l.	lb.	.0680	- —
131-133 A.m.p., bgs., or loose, c.l.	lb.	.0705	- —
133-135 A.m.p., bags or loose, c.l.	lb.	.0730	- —
135-137 A.m.p., bgs., or loose, c.l.	lb.	.0755	- —
138-140 A.m.p., bgs., or loose, c.l.	lb.	.0830	- —
143-145 A.m.p., bgs., or loose, c.l.	lb.	.0925	- —
151-153 A.m.p., bgs., or loose, c.l.	lb.	.70 Nom.	
Refined paraffin prices in cases are 1½c. lb. higher than bags price; solid in tankcars is 5c. lower.			
match, A.m.p. up to and incl. 110-112 bbls. c.l.	lb.	.06¼ Nom.	
semirfd., solid., 122-124 A.m.p., bgs.	lb.	.06½ Nom.	
Paraformaldehyde, dms., 1,000 lbs., or more shipments, f.o.b. Perth Amboy, Philadelphia, or N.Y.C.	lb.	.34	- —
100 to 900 lbs. shipments, same basis	lb.	.35	- —
Paraldehyde, tech., 99%, 53 and 100 gal. dms., c.l., works.	lb.	.10	- —
l.c.l., works	lb.	.11¼	- —
5 and 10-gal. dms., works	lb.	.15	- —
USP, cs., cbys.	lb.	.37	- .45
Paranisidine.. dms.	lb.	.75	- —
Paranitroanilin, kgs., works	lb.	.47	- —
Paranitrochlorobenzene, kgs.	lb.	.15	- —
Paranitrophenol, kgs.	lb.	.35	- —
Paranitrotoluene, kgs.	lb.	.30	- —
Paraphenylenediamine, bbls.	lb.	1.25	- 1.30
Paratoluenesulphonamide, bbls.	lb.	.70	- —
Paratoluidin, bbls.	lb.	.48	- —
Pareira brava root, bls.	lb.	.18	- .20
Paris green, dealer, dms., bbls., c.l., f.o.b. works, frt. alld.	lb.	.23	- .25
less car lot, same basis.	lb.	.24	- .26
Passion flower, herb, bls.	lb.	.07	- .08
Patchouli leaves, bls.	lb.	.28	- .30
Pellitory root, bls.	lb.	.28	- .29
Pennyroyal leaves, bls.	lb.	.15	- .16
Pentanes norm., 28-38°, dms., c.l., G.3.	gal.	.11½	- —
l.c.l., G.8.	gal.	.16	- —
tanks, G.3.	gal.	.08½	- —
laboratory grade, dms., c.l., G.3,	gal.	.14	- —
l.c.l., G.3.	gal.	.25	- —
Pepper, black, Aleppey, bgs.	lb.	.07¾	- .08¼
Lampong, bgs.	lb.	.04	- .04¼
Tellicherry, bgs.	lb.	.07¾	- .08
Red, chillies, Japan, Hontaka.	lb.	.18	- .18½
Mombassa, bgs.	lb.	.25	- .28
White, Java, Muntok, bgs.	lb.	.07½	- .08
Saigon, bgs.	lb.	.07½	- .08
Peppermint leaves, dom., bls.	lb.	.35	- .40
import, bls.	lb.	.45	- .50
Perchlorethylene, dms., c.l., works, frt. alld., zone 1.	lb.	.08	- —
l.c.l., same basis.	lb.	.08½	- —
Zone 2, dms., c.l., works, frt. alld.	lb.	.08½	- —
l.c.l., same basis.	lb.	.09	- —
Zone 3, dms., c.l., works, frt. alld.	lb.	.09	- —
l.c.l., same basis.	lb.	.09½	- —
Perchloroethylene, dms., c.l., works, frt. alld., zone 4, dms., c.l., f.o.b. stock points.	lb.	.09	- —
l.c.l., same basis.	lb.	.09½	- —

All prices on perchlorethylene are frt. alld. with the exception of zone 4, in which case the prices indicated are based on f.o.b. L. A., Cal., S. F., Cal., Portland, Ore., and Seattle, Wash. Zone 1 includes the following states:—Conn., Md., N. Y., Va., Ky., Me., N. J., Vt., W. Va., Mo., N. H., Tenn., Ind., Ia., Pa., R. I., Ill., Mich., Minn., Wis., Del., Mass., N. C., O., Omaha, Neb., Kansas City, Kansas. Zone 2 includes Ala., Kan., except Kansas City, N. D., Ga., Neb., except Omaha, S. D., Miss., Ark., S. C., La., Okla., and Fla. Zone 3 includes Colo., N. M., Wyo., Texas and Eastern Montana. Zone 4 includes Arizona, Western Montana, Idaho, Ore., Nev., Wash., Utah and Cal.

Peru, balsam, dms.	lb.	1.05	- 1.10
Petrolatum, amber, dms., c.l.	lb.	.03¾	- —
l.c.l.	lb.	.04¾	- —
amber, extra, dms.	lb.	.04	- —
l.c.l.	lb.	.05	- —
veterinary, dms., c.l.	lb.	.03¾	- —
white, cream, dms., c.l.	lb.	.05¼	- —
l.c.l.	lb.	.06¾	- —
lily, dms., c.l.	lb.	.06¼	- —
l.c.l.	lb.	.07¾	- —
snow, dms., c.l.	lb.	.07¼	- —
l.c.l.	lb.	.08¾	- —
Petroleum, crude, bulk, at wells:—			
California	bbl.	.60	- 1.75
Canada	bbl.	2.10	- 2.17
Central West:—			
Illinois	bbl.	.53	- 1.00
Lima	bbl.	.90	- —
Michigan	bbl.	.82	- 1.02
Princeton	bbl.	1.05	- —

Oil, White—Petroleum

Petroleum, crude, bulk, at wells:—			
East Texas	bbl.	1.10	- —
Gulf Coast	bbl.	.74	- 1.41
Kentucky, Tennessee	bbl.	1.02	- 1.10
Louisiana, Arkansas	bbl.	.73	- 1.20
Mexico	bbl.	No prices	
Midcontinent:—			
North Texas	bbl.	.51	- 1.10
Oklahoma-Kansas	bbl.	.58	- 1.10
Pennsylvania, Ohio, West Virginia:—			
Bradford-Allegany	bbl.	2.75	- —
Corning	bbl.	1.17	- —
Pennsylvania grade, in Buckeye lines.	bbl.	1.70	- —
Eureka lines	bbl.	2.34	- —
N. Y. Transit lines,	bbl.	2.75	- —
S. W. Penn lines	bbl.	2.40	- —
lower district in National Transit lines.	bbl.	2.63	- 2.75
Rocky Mountains	bbl.	.51¼	- 1.30
South Central and Southwestern Texas.	bbl.	.73	- 1.27
Texas Panhandle	bbl.	.67	- .96
West Texas	bbl.	.53	- .95
Ether, 30-60°, dms., c.l., G.3,	gal.	.14½	- —
l.c.l., G.3	gal.	.25½	- —
tanks, G.3.	gal.	.13½	- —
35-60°, dms., l.c.l., G.3.	gal.	.30½	- —
40-75°, dms., c.l., G.3.	gal.	.14½	- —
l.c.l., G.3.	gal.	.25½	- —
tanks, G.3.	gal.	.13½	- —
laboratory grade, dms., c.l., G.3.	gal	.14½	- —
c.l., G.3.	gal.	.25½	- —
10-gal. lots, G.3.	gal.	.30½	- —



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SKELLY SERVICE!

SKELLYSOLVE *in the* OIL, PAINT *and* DRUG FIELD

The Skellysolve line includes naphthas specially fractionated for every laboratory and industrial use. We furnish a complete line of V. M. & P. naphthas, mineral spirits and lacquer diluents, as well as many other special hydrocarbons. Our technical staff has aided many manufacturers in developing formulas for new or improved products which have proved of great value. Write or wire for full information today.

A USER of solvents in a northern city was once forced to shut down because heavy snowstorms made it impossible to get tank cars switched into the plant. Each winter since then had been overshadowed by the dread possibility of a repetition of this costly experience.

Then Skelly entered the picture, and the problem was solved. Each fall we place an emergency stock of Skellysolve in our bulk plant located in that city. In case of a severe storm crippling railroads and interfering with switching, there is a reserve supply of solvent in our bulk plant ready for quick local delivery to keep the customer's plant in operation, a constant protection against costly shutdown.

Of course, snowstorms may not be your problem. But undoubtedly there are times when *dependability of supply* is just as important to you as it is to the firm indicated above. Skelly has many *different* ways of assuring you of this *dependability*.

The quality of the product is important, too, of course! But it's in going *beyond* this point that Skelly has built its reputation. No service has proved itself until it has demonstrated its ability to *function in emergencies!* Solving intricate technical problems for users, sending out trained "trouble shooters" when unforeseen difficulties develop . . . that's how Skellysolve has given meaning to the familiar phrase: "Dependable Skelly Service!"

So . . . no matter what type of solvent you are now using, take the time to investigate Skellysolve!

SKELLYSOLVE

SOLVENTS DIVISION, Skelly Oil Co., 4814 S. Richmond St., Chicago, Ill.

A. Ernest MacGee, *Manager*

WIRE OR WRITE TODAY FOR INFORMATION OR PRICES!

Petroleum—Red Saunders

Petroleum lacquer, diluent, at refinery:—
California, 100 i.b.p., 200 e.p., tanks, delvd. Los Angeles..gal. .11 - —
San Francisco..gal. .11½- —
f.o.b. Richmond.....gal. .11 - —
Willbridge, Ore., Ft. Wells, Wash..gal. .12 - —
East Coast, tanks.....gal. .09½- .10
Group 3, toluol type, tanks..gal. .07⅝- —
benzol type, tanks.....gal. .07⅛- —
Naphtha, cleaners', at refinery:—
East Coast, tanks.....gal. .09 - .10¼
Group 3, tanks.....gal. .06⅝- .07
tankwagon, Boston, ex tax.gal. .13½- —
Bridgeport .....gal. .13⅛- —
Chicago, inc. 4c. tax..gal. .18 - —
Decatur, inc. 4c. tax..gal. .1910- —
Des Moines, inc. 4c. tax, gal. .1890- —
Evansville, inc. ex tax.gal. .15 - .16
Milwaukee, inc. 5c. tax, gal. .2030- —
Minneapolis-St. Paul, inc. 5c. tax..gal. .20½- —
Newark, ex tax.....gal. .10½- —
New York, ex tax.....gal. .10⅛- —
Omaha, ex tax.....gal. .1490- .1590
Oklahoma City, ex tax.gal. .16½- —
Philadelphia, ex tax...gal. .12 - —
St. Louis, inc. 1c. tax.gal. .15½- —
Syracuse, 150 gals.....gal. .14½- —
smaller lots, galv. drums, gal. .10 - —
milk cans.....gal. .21 - —
high-solvency, aromatic, No. 1, over 70% arom., tanks, f.o.b. Bayway..gal. .18 - —
2, over 90% arom., same basis..gal. .19 - —
3, same basis.....gal. .20 - —
8, tanks, f.o.b. Paulsboro, N. J...gal. .15¼- —
30, same basis.....gal. .16¼- —
40, same basis.....gal. .16½- —
v.m.&p., at refinery:—
California, 46.5, 254 i.b.p., 380 e.p., tanks, f.o.b. El Segundo..gal. .11 - —
Richmond..gal. .11½- —
Willbridge, Ore., Ft. Wells, Wash..gal. .12 - —
54-57, 190 i.b.p., 310 e.p., tanks, dlvd. Los Angeles, gal. .10 - —
San Francisco....gal. .10½- —
Portland, Seattle.....gal. .11 - —
East Coast, tanks.....gal. .09½- —
Group 3, tanks.....gal. .06⅝- .07
tankwagon, Boston, ex tax, gal. .14½- —
Chicago, inc. 4c. tax..gal. .17 - —
Des Moines, inc. 4c. tax.gal. .1890- —
Decatur, inc. 4c. tax..gal. .1910- —
Evansville, Ind., ex tax, gal. .1520- .1620
Milwaukee, inc. 5c. tax.gal. .2030- —
Minneapolis-St. Paul, inc. 5c. tax..gal. .20 - —
Newark, ex tax.....gal. .11½- —
New York, ex tax.....gal. .10⅝- —
Omaha, ex tax.....gal. .1490- .1590
Philadelphia, ex tax...gal. .13 - —
St. Louis, inc. 1c. tax.gal. .1570- —
Solvent, rubber, at refinery, East Coast, tanks..gal. .09½- —
Group 3, light, 120 i.b.p., 250 e.p., tanks..gal. .06⅝- .07
standard, 180 i.b.p., 288 e.p., tanks..gal. .06⅝- .07
Stoddard (CS 3-38), at refinery:—
East Coast, tanks.....gal. .08⅝- .09⅛
Group 3, tanks.....gal. .06⅝- .06⅛
tankwagon, Boston, ex tax, gal. .14 - —
Chicago, inc. 4c. tax..gal. .1640- —
Decatur, inc. 4c. tax..gal. .1860- —
Des Moines, inc. 4c. tax.gal. .1840- —
Evansville, Ind., ex tax.gal. .14 - .15
Milwaukee, inc. 5c. tax.gal .1980- —
Minneapolis-St. Paul, inc. 5c. tax..gal. .1820- —
Newark, ex tax.....gal. .09½- —
New Orleans, ex'tax....gal. .11 - —
New York, ex tax.....gal. .09½- —
Omaha .....gal. .1360- .14½
Philadelphia, ex tax...gal. .13 - —
St. Louis, inc. 1c. tax..gal. .1340- —
Tulsa, ex tax.....gal. .10½- .11⅛
Thinners, at refinery:—
California, 34, 325 i.b.p., 390 e.p., low anilin. 6,000 gal. tanks or tanrsport trucks, f.o.b. Los Angeles..gal. .15 - —
Portland, Ore.....gal. .16 - —
Richmond .....gal. .14½- —
Seattle, Wash....gal. .16½- —
44, 311 i.b.p., 385 e.p., tanks, f.o.b. Point Wells, Wash.; Willbridge, Ore..gal. .10½- —
Richmond .....gal. .10 - —
Southern Calif....gal. .09½- —
200 i.b.p., 300 e.p., f.o.b. El Segundo..gal. .11 - —
Portland, Ore.....gal. .12 - —
Richmond .....gal. .11½- —
Seattle, Wash....gal. .12 - —
East Coast, 43-47, tanks.gal. .08⅝- .09⅛
47-49, tanks.....gal. .10½- —
New Jersey, tanks....gal. .09 - —
Group 3, tanks.....gal. .05⅞- .06
tankwagon, tax included:—
Albany .....gal. .13½- —
Baltimore (100 gals.)..gal. .14 - —
25-99 gals.....gal. .16 - —
Boston .....gal. .13½- —
Bound Brook, North Amboy, N. J..gal. .13½- —
Bridgeport, Conn.....gal. .11½- —
Buffalo .....gal. .15½- —
Camden, N. J.....gal. .10 - .11½
Chicago .....gal. .1670- —
Decatur .....gal. .1810- —
Des Moines.....gal. .1790- —
Evansville, Ind.....gal. .1420- .1520
Milwaukee .....gal. .1930- —
Minneapolis-St. Paul...gal. .19½- —
Newark .....gal. .09½- —
New York (200 gals.)..gal. .09⅝- —
Omaha .....gal. .1360- .1460
Philadelphia .....gal. .12½- —
Pittsburgh .....gal. .11½- .13⅛
Providence .....gal. .12 - —
Rochester .....gal. .12½- —
St. Louis.....gal. .1470- —
Syracuse .....gal. .13 - —
Trenton .....gal. .10½- —
Wilmington, Del.....gal. .12½- —
Phenobarbital, 5-lb. bots.....lb. 3.95 - —
bots, or cns., 100 lbs., spot or contract..lb. 3.60 - —
25-lb. cns.....lb. 3.85 - —
Phenol, USP, dms., c.l., works, frt. equald..lb. .13 - —
l.c.l., same basis.....lb. .13⅝- —
under 1,000 lbs.....lb. .14⅜- —
tanks, works.....lb. .12 - —
Phenolphthalein, USP, bbls., dms., 2,000-lb. lots..lb. .85 - —
bbls., dms., kegs, 100-250 lbs., lb. .87 - .89
yellow, fib. dms., 2,000-lb. lots, lb. .80 - —
100-lb. fib. dms.....lb. .82 - —
25-lb. dms. .....lb. .87 - —
50-lb. kgs. .....lb. .84 - —
Phenyl chloride, dms.....lb. .17 - —
Phenylacetaldehyde, bots.....lb. 2.10 - 2.50
Dimethylacetate, cns.....lb. 14.50 -15.00
Phenyl ethyl acetate, cns...lb. 2.45 - 2.50
Phenylethylphenyl acetate, bots., lb. 7.00 -15.50
Phenylhydrazine, base, CP, bots., lb. 4.00 - —
hydrochloride, CP., bots., works..lb. 4.00 - —
commercial, kgs., works...lb. 1.50 - —
pure, bbls., works.....lb. 2.25 - —
Phloroglucinol, CP, tins, works.lb. 20.00 -22.00
tech., tins, works.....lb. 15.00 -16.50
Phosphate rock, Fla., high-grade, hard, 77% basis, 76% min., bulk, mines..long ton. 4.35 - —
land pebble, 68% min., bulk, mines..long ton. 1.90 - —
70% min., bulk, mines.. long ton. 2.15 - —
72% min., bulk, mines, long ton. 2.40 - —
75% basis, 74% min. bulk, mines..long ton. 2.90 - —
Tenn., 72% bulk, mines, long ton. 4.50 - —
75% bulk, mines..long ton. 5.50 - —
Phosphorus, red, cs.....lb. .40 - .44
yellow, dms.....lb. .18 - .20
cases .....lb. .23 - .25
Oxychloride, cyls.....lb. .15 - .18
Pentoxide, dms., c.l., works..lb. .11 - .12
l.c.l., dms., works.....lb. .13 - .14
Sesquisulphide, cs.....lb. .38 - .42
Trichloride, cyls.....lb. .15 - .16
Phthalamide, bbls., works, tons, lb. .35 - —
single bbls., works.....lb. .40 - —
kgs., works.....lb. .45 - .50
Phthalic anhydride, bbls., c.l., works, frt. alld., E. of Miss. R..lb. .14½- —
l.c.l., same basis.....lb. .15½- —
Pichi leaves, bgs.....lb. .13 - .14
Pilocarpine hydrochloride, bots., vis..oz. 4.25 - 4.30
Nitrate, bots., vis.....oz. 4.15 - 4.20
Pimento, bgs.....lb. .17 - .17½
Pinkroot, bls.....lb. .40 - .41
Pitch, burgundy (see B)
Coaltar, 160° m.p., bbls., c.l., works..ton. 19.00 - —
l.c.l. .....ton. 22.00 - —
Hardwood, 1-time, dms., c.l., dlvd. Akron..ton. 23.75 -24.00
Linseed, dms.....lb. .05 - .05¼
Petroleum (see Asphaltum, Mexican, Texas).
Pine, bbls.....bbl. 6.00 - 6.50
Plaster of Paris (see Gypsum).
Pleurisy root, Southern, bls...lb. .12 - .13
Podophyllin, dms., dlvd., E. of Miss..lb. 4.50 - 4.70
Poke root, bls.....lb. .07 - .07½
Pomegranate bark, bgs.....lb. .52 - .53
Root bark, bgs.....lb. .47 - .48
Poppy flowers, red, bls.....lb. 1.00 - 1.15
Seed, Dutch, bgs.....lb. .12¾- .13¼
Hungarian, bgs.....lb. No stocks
Potash abietate.....lb. .08 - —
Acetate, tech., bbls., dlvd...lb. .26 - —
kgs., dlvd.....lb. .28 - —
USP, bbls., 250 lbs.....lb. .28 - —
kgs., 100 lbs.....lb. .30 - —
cns., 25 lbs.....lb. .33 - —
Arsenite, USP, solut., cbys., 100 lbs..lb. .11 - —
demj., 50 lbs.....lb. .12 - —
Bicarbonate, USP, cryst., bbls., 300 lbs..lb. No prices
kgs., 100 lbs.....lb. No prices
gran., bbls., 250 lbs.....lb. No prices
kgs., 100 lbs.....lb. No prices
Bichromate, spot., c.l., works, lb. .08⅜- —
5 casks or 10 bbls., or over, works..lb. .09 - —
5 casks or 9 bbls., or less, works..lb. .09¼- —
Bromide, USP, gran., bbls. 500 lbs..lb. .81 - —
fib., dms., 100 lbs.....lb. .32 - —
Carbonate, calc., dms., c.l., works..lb. .06½- —
l.c.l., same basis.....lb. .06⅝- —
hydrated, 83-85%, bbls., c.l., works..lb. .05½- —
l.c.l., same basis.....lb. .05⅝- —
liquid, dms., c.l., works, frt. alld..lb. .03 - —
l.c.l., dms., same basis.lb. .03125- —
tanks, same basis.....lb. .0275- —
USP, gran., bbls. 325 lbs..lb. .14 - —
powd., bbls. 325 lbs.....lb. .19 - —
kgs., 100 lbs.....lb. .21 - —
Caustic, flake, 88-92%, dom., c.l., works..lb. .07 - —
l.c.l. .....lb. .07¼- .07⅛
import, dms.....lb. No prices
liquid, 45% basis, dms.....lb. .03½- .03⅝
tanks .....lb. .02⅞- —
solid, 88-92%, dom., dms., c.l., works..lb. .06¼- —
l.c.l. .....lb. .06½- .06⅝
import, dms.....lb. No prices
Chlorate, cryst., kgs.....lb. .10½- .13
gran., kgs.....lb. .12 - .14½
powd., kgs.....lb. .10 - .12½
Chloride, tech., 98%, cryst., bgs., kgs..lb. .04 Nom.
Chromate, kgs.....lb. .24 - .27
Citrate, USP., gran., bbls., 250 lbs..lb. .33½- —
kgs., 100 lbs.....lb. .34½- —
cns., 50 lbs.....lb. .35½- —
cns., 25 lbs.....lb. .37½- —
Cyanide, cns., dms.....lb. No prices
Cyanide, gold, 11% gold, bots., works..oz. 14.20 -14.45
Glycerophosphate, 75% sol., dms., 1,000-lb. lots..lb. 1.00 - —
100-lb. lots.....lb. 1.10 - —
50-lb. lots, cbys., or cns., lb. 1.15 - —
25-lb. lots, cns.....lb. 1.25 - —
Guaiacolsulphonate, fib., dms., 100-lb. lots..lb. 1.60 -1.65
cns., 25 lbs.....lb. 1.75 - —
Hydroxide, USP, sticks, cns., 100 lbs. .30½- .32
Hypophosphite, cns., 100 lbs..lb. .72 - —
25 to 50 lbs.....lb. .75 - —
Iodate, bots., 5 lbs.....lb. 3.31 - 3.35
cns., 25 lbs.....lb. 3.20 - —
Iodide, bbls., 250 lbs.....lb. 1.35 - —
bots., or cns.....lb. 1.44 - 1.70
dms. .....lb. 1.35 - 1.38
Kainit, 20%, K_2O, bulk, ex-vessel, Atlantic or Gulf ports..ton. 12.25 - —
Manure salt, dom., run of mine, approx. 30%, K_2O, bulk, c.i.f. ports..unit-ton. .58½- —
import, 30%, K_2O bulk, ex-vessel, Atlantic or Gulf ports..ton. 17.55 - —
Metabisulphite, kgs.....lb. .13 - .15
Muriate, dom., all strengths, min., 50% K_2O, bulk, unit-ton. .53½- —
Potash, muriate, import, all strengths, min. 60% KCl, basis 50% K_2O, bulk, ex-vessel, Atlantic or Gulf ports..ton. 26.75 - —
basis 60% K_2O, bulk, ex-vessel, Atlantic or Gulf ports, ton. 32.10 - —
Potash muriate prices in bags are $2 per ton higher than bulk price.
Oxalate, pure, cryst., kgs...lb. .30 - .31
tech., bbls.....lb. .25 - .26
Nitrate, crude, bgs., c.i.f. ports, ton. 55.00 Nom.
Perchlorate, kgs., works.....lb. .09½- .11
Permanganate, tech., dms...lb. .18½- .19
Prussiate, red, bbls.....lb. .38 - .45
Yellow, bbls.....lb. .15 - .16
Ricinoleate, tech., bbls.....lb. .13 - —
Silicate alkaline, lumps, bgs..lb. .07 - —
Sulphate, NF, cryst., 400 lbs., bbls..lb. .18 Nom.
100 lb. kgs.....lb. .20 - —
powd., 350 lbs., bbls....lb. .19 Nom.
100 lb. kgs.....lb. .21 - —
tech., 90-95%, min. 90%, bgs., ex-vessel, Atlantic or Gulf ports..ton. 36.25 - —
Xanthate, dms., c.l.....lb. .13 - —
l.c.l. .....lb. .13½- —
Potash-magnesia sulphate, 48-53%, min. 48%, bgs., shipt., ton. 24.75 - —
Potash titanium oxalate, 350-lb. bbls..lb. .40 - —
100-lb. dms.....lb. .45 - —
Prickly ash bark, bls.....lb. .15 - .16
Berries, bgs.....lb. .30 - .35
Prince's pine herb, bls.....lb. .25 - .26
Propane, tanks, Group 3.....gal. .03⅝- .04
Psyllium seed (see Fleaseed).
Pulsatilla, bls.....lb. .30 nom.
Pumice stone, Italian, Amer.-grd., 4F, 3F, 2F, 1½F, and coarser, bbls., 3 or over, works..lb. .03½- —
less than 3, works....lb. .04½- —
F and 1, bbls., 3 or over, works..lb. .04 - —
less than 3, works....lb. .04½- —
O, O-½, O-⅝, and ½, bbls., 3 or over, works.....lb. .04½- —
less than 3, works....lb. .04½- —
Ital.-grd., bgs., c.l., shipt. ex dock, N. Y..ton. 39.00 Nom.
l.c.l., 5-29 tons, ex whse., ton. 44.00 Nom.
1,000-10,000 lbs., ex whse..ton. 46.00 Nom.
2 bgs., to 1,000 lbs., ex whse, ton. 48.00 Nom.
single bgs., ex whse.ton. 60.00 Nom.
Pumpkin seed, bgs.....lb. .10 - .11
Purple lake (see Red).
Putty, com'l, dms.....100 lbs. 6.15 - —
linseed oil, raw, dms....100 lbs. 5.00 - —
refined, dms.....100 lbs. 5.50 - —
standard, dms.....100 lbs. 4.20 - —
Pyrethrum concentrate, liq. (20 to 1), basis 2.4% pyrethrin (Seil test) 55-gal. dms. (incl.) frt. alld., or dlvd., on 15 gls., or more, standard brand, odorless..gal. 7.15 - 7.50
(30 to 1) 3.6% pyrethrin, 55-gal. dms. (incl.) frt. alld., or dlvd., on 15 gals., or more, standard brand, odorless..gal. 10.65 -11.00
Flowers, coarse, grnd. (g.d.p.) Japan, bgs., frt. alld., 15 tons or over..lb. .33 - .36
fine powd. Japan, bbls., ton lots frt. alld..lb. .35 - .37
Pyridin, denaturing, dms....gal. 1.71 - —
refd., 2°, dms.....lb. .51 - —
Pyrites, Spanish, bulk, c.i.f. Atl. ports..unit-ton. .12-.13 Nom.
Pyrocatechin, CP, cryst., works, fib., dms., tins..lb. 2.15 - 3.40
resublimed, fib. dms., tins..lb. 4.60 - —
Pyrophylite, standard, 200 mesh., c.l., mines..ton. 9.00 - —
325 mesh, same basis....ton. 12.00 - —
No. 3, 200 mesh, c.l. mines.ton. 7.50 - —
325 mesh, same basis....ton. 10.50 - —
Pyroxylin scrap, amber, cs., works..lb. .12 - —
black, cs., works.....lb. .10 - —
China white, ivory, cs., works, lb. .13 - —
dense white, cs., works..lb. .10 - —
gray, cs., works.....lb. .08 - —
mixed, mottles, opaque, cs., works..lb. .04 - —
shell-demi, cs., works....lb. .12 - —
translucent pastels, cs., works..lb. .10 - —
transparent, cs., works...lb. .20 - —
colors, cs., works.....lb. .12 - —
shavings, amber, cs., works..lb. .16 - —
colors, mixed, cs., works..lb. .10 - —
white, cs., works.....lb. .15 - —

Q

Quassia chips, bls.....lb. .05 - .06
Quebracho extract, liquid, 25% tan, bbls., works..lb. .04 - —
tanks, works.....lb. .03½- —
solid, 63%, bgs., c.l., ex dock, plus duty..lb. .04½- —
clarified, 64%, bgs., c.l., same basis..lb. .04¾- —
Queen of the meadow leaves, bgs..lb. .07 - .08
Root, bgs.....lb. .10 - .11
Quercitron, extract, liquid, 51°, bbls..lb. .08½- .09⅛
solid, dms.....lb. .11 - .16½
Quicksilver, dom., flasks (76 lbs. net, dlvd., N. Y..flasks. 183.00 -185.00
European, flasks (76 lbs. net). c.i.f., N. Y., incl. war risk insurance..flask. 207.00 - —
ex store.....flask. 200.00 - —
Quince seed, bgs.....lb. 1.10 - 1.15
Quinidine, cryst., small, cns..oz. 1.01 - —
large, cns.....oz. 1.03 - —
powd., precip., cns.....oz. .96 - —
Sulphate, cns.....oz. .69 - —
Subject to surcharge of 3c. per oz.; see note under Quinine.
Quinine, 100 ozs., cns.....oz. .80 - —
Acetate, cns.....oz. 1.02 - —
Arsenate, cns.....oz. 1.02 - —
Arsenite, cns.....oz. 1.04 - —
Bisulphate, cns.....oz. .57 - —
Citrate, cns.....oz. .75 - —
Dihydrobromide, bots.....oz. .78 - —
Dihydrochloride, bots.....oz. .78 - —
Ethylcarbonate, cns.....oz. .80 - —
Ferrocyanide, cns.....oz. 1.04 - —
Formate, cns.....oz. .97 - —
Glycerophosphate, cns.....oz. 1.17 - —
Hydrochloride, cns.....oz. .72 - —
Hydrochlorosulphate, cns....oz. .78 - —
Hydroiodide, cns.....oz. 1.02 - —
Hypophosphite, cns.....oz. 1.03 - —
Phosphate, cns.....oz. .86 - —
Salicylate, cns.....oz. .76 - —
Sulphate, USP, X, cns.....oz. .57 - —
USP, XI, cns.....oz. .64 - —
Quinine, sulphocarbolate, cns..oz. 1.03 - —
Tannate, cns.....oz. .60 - —
Tartrate, cns.....oz. 1.00 - —
Valerate, cns.....oz. .96 - —
Quinine buyers must pay a surcharge of 3c. per oz. to cover present war risk insurance, ocean freight rates, and additional expenses over the cost of usual business. Changes in these controlling factors will be reflected in the surcharge invoiced.
Quinine-urea hydrochloride, cns.oz. .78 - —
Subject to surcharge of 3c. per oz.; see note under Quinine.

R

R, salt, dry, bbls.....lb. .55 - —
paste, dms.....lb. .52 - —
Rapeseed, Belgian, bgs.....lb. .07½- .08
Dutch black, bgs.....lb. .07 - .07½
red, bgs.....lb. .12 - .12½
Japanese, bgs.....lb. .06½- .07
Raspberries, dried, bls.....lb. .65 - .70
Red, alizarin lake, bbls., dlvd. N. of Tenn., and N. C., E. of Miss. R., including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. 1.10 - 1.90
Red, Alizarin lake prices are ½c. higher dlvd. Ala., Fla., Ga., Ia. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.). Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. Coast for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Cadmium, lithopone, deep shade, bbls., ton lots, works, frt. alld..lb. .60 - —
smaller lots, same basis, lb. .95 - —
kgs., ton lots, same basis, lb. .95 - —
smaller lots, same basis, lb. 1.00 - —
light shade, bbls., ton lots, same basis..lb. .75 - —
smaller lots, same basis, lb. .80 - —
kgs., ton lots, same basis, lb. .80 - —
smaller lots, same basis, lb. .85 - —
light-medium shade, bbls., ton lots, same basis..lb. .80 - —
smaller lots, same basis, lb. .85 - —
kgs., ton lots, same basis, lb. .85 - —
smaller lots, same basis, lb. .90 - —
maroon shades, bbls., ton lots, same basis..lb. 1.00 - —
smaller lots, same basis, lb. 1.05 - —
maroon shades, kgs., ton lots, same basis..lb. 1.05 - —
smaller lots, same basis, lb. 1.10 - —
medium shade, bbls., ton lots, same basis..lb. .85 - —
smaller lots, same basis, lb. .90 - —
kgs., ton lots, same basis, lb. .90 - —
smaller lots, same basis, lb. .95 - —
Selenide, bbls., dark, works..lb. 2.50 - —
light, works.....lb. 2.25 - —
orange, bbls., 100-lb. lots, works..lb. 1.50 - —
Carmine, 40, dms., 100 lbs...ib. 4.50 - —
50 lbs.....lb. 4.00 - —
cns. 5 lbs.....lb. 4.75 - —
1 lb.....lb. 4.85 - —
Crocus martis (see Red, purple oxide).
Eosin toner, bbls.....lb. 1.25 - —
Indian, pure, bbls., f.o.b. Bethlehem, Easton, E. St. Louis, N. Y..lb. .08¾- —
80%-85%, bbls., same basis.lb. .07¼- —
Iron oxide (see Red oxide).
Lake C toner, bbls., same basis alizarin lake, contracts.lb. 1.10 - —
open order.....lb. 1.15 - —
Lithol toner, bbls., same basis, alizarin, lake, contracts.. lb. .55 - —
open order.....lb. .60 - —
Rose lake, bbls.....lb. .20 - .23
Pink, bbls.....lb. .15 - .20
Lithol-rubine toner, bbls., same basis, alizarin lake.....lb. 1.35 - —
Maroon lake, 25%, kgs., same basis alizarin lake contracts, lb. .40 - —
Oxide (see Red, purple oxide).
Mercury oxide, tech., dom., bbls. lb. 2.81 - —
Metallic, bbls., Pa., works...lb. .02 - —
Orange, Persian (see O).
Oxide, pure, bbls., c.l., works, lb. .08¼- —
l.c.l., works.....lb. .09¼- —
reduced, 85% copperas oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, E. St. Louis, Copley, Ohio.....lb. .08¼- —
80% copperas oxide, bbls., same basis..lb. .07¾- —
Para, toner, concent., kegs, same basis alizarin lake, contracts..lb. .70 - —
open order .....lb. .75 - —
Persian, Gulf, oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, N.Y.lb. .04½- —
ex whse., Chicago, St. Louis..lb. .05¼- —
San Fran., Los Ang., Portland, Seattle..lb. .05⅝- —
Phloxin toner (see Red, Eosin toner)
Phosphotungstic rhodamine Y, kgs..lb. 3.90 - —
Purple lake, kgs.....lb. .60 - 1.00
Oxide, bbls., f.o.b. Bethlehem, Easton, E. St. Louis..lb. .03 - —
Toner, kgs.....lb. 1.50 - 2.00
Scarlet ink toner, kgs., same basis alizarin lake..lb. .55 - —
Lake, kgs., same basis alizarin lake..lb. .25 - .30
Spanish, oxide, bbls., f.o.b. N.Y. lb. .03⅝- —
Toluidine toner, kgs., same basis alizarin lake—lb. 1.05 - —
Tuscan, bbls., f.o.b. N. Y., E. St. Louis..lb. .11 - .40
Venetian, bbls., works.....lb. .0220- —
10%, bbls., works.....lb. .0245- —
15%, bbls., works.....lb. .0265- —
20%, bbls., works.....lb. .02¾- —
25%, bbls., works.....lb. .03 - —
30%, bbls., works.....lb. .03¼- —
35%, bbls., works.....lb. .0360- —
40%, bbls., works.....lb. .04 - —
Vermilion, Amer., bbls., same basis alizarin lake..lb. .15 - —
quickseliver, bbls., 5 tons..lb. No prices
smaller lots.....lb. 2.46 - 2.81
Red dyes are listed under Dyes.
Red precipiate, N. F., powd., fib. dms., 50 lbs. or more...lb. 3.06 - —
Red saunders wood, ground, bbls. lb. .12 - .17

Resorcinol, tech., dms., works.	lb.	.75	- .80
USP, cryst., bbls., works	lb.	1.50	- 1.55
Rhatany root, bgs	lb.	.12	- .14
Rhodinol, bots	lb.	5.55	-10.90
Rhubarb, bots	lb.	.58	- .60
powd., bbls., kgs	lb.	.63	- .65
Rochelle salt, cryst., bbls., 5,000 lbs., 1 ship't	lb.	.23¾	- —
smaller lots	lb.	.24¼	- —
powd., bbls., 5,000 lbs., 1 ship't	lb.	.22¾	- —
smaller lots	lb.	.23¼	- —
Rose flowers, pale, bls	lb.	.45	- .50
red, bls	lb.	2.50	- 2.75
Rosemary, flowers, bls	lb.	.45	- .50
leaves, bls	lb.	.07	- .08
Rosin, gum, bbls., ex dock, 280 lbs.		6.10	- —
D, bbls. 280 lbs.		6.10	- —
E, bbls. 280 lbs.		6.35	- —
F, bbls. 280 lbs.		6.65	- —
G, bbls. 280 lbs.		6.70	- —
H, bbls. 280 lbs.		6.75	- —
I, bbls. 280 lbs.		6.75	- —
K, bbls. 280 lbs.		6.75	- —
M, bbls. 280 lbs.		6.77½	- —
N, bbls. 280 lbs.		6.77½	- —
W. G., bbls. 280 lbs.		7.00	- —
W. W., bbls. 280 lbs.		7.45	- —
X, bbls. 280 lbs.		7.45	- —
Rosin, wood, bbls		4.65	- 6.40
Rottenstone, dom., bgs., c.l., f.o.b. mines	ton.	25.50	Nom.
l.c.l., f.o.b. mines	ton.	37.50	Nom.
Import, lump, bbls	lb.	.14	Nom
powd., bbls	lb.	.08¼	- .10
Rue, bls	lb.	.30	- .35

S

Sabadilla seed, powd., bbls	lb.	.22	- .23
Saccharin, dms., 100 lbs	lb.	1.45	- —
cns., 25 lbs	lb.	1.48	- 1.50
Safflower, bls	lb.	.29	- .30
Saffron, Mexican, bls	lb.	.40	- .42
Spanish, tins	lb.	28.00	-30.00
Safrol, cns	lb.	1.05	- 1.10
dms	lb.	1.00	- 1.05
Sage, Dalmatian, stemless	lb.	.08¾	- .09¾
garden, bls	lb.	.09¾	- .10
Sago flour, bgs	lb.	.04	Nom.
Salicin, bots., 5 lbs	lb.	7.04	- —
cns., 25 lbs	lb.	7.00	- —
Salol, gran., bbls., 200 lbs	lb.	.90	- —
bxs., 25 lbs	lb.	.93	- —
kgs., 100 lbs	lb.	.90	- —
powd., fib. dms., 25 lbs	lb.	1.03	- —
kgs., 100 lbs	lb.	1.00	- —
Salt, rock, bgs., dlvd., N. Y.	ton.	13.20	-13.80
l.c.l., bgs., dlvd., N. Y.	ton.	15.00	-15.60
vacuum, common, fine, bgs., c.l., dlvd., N.Y.	ton.	15.70	- —
l.c.l., dlvd., N. Y.	ton.	16.60	-19.70
Saltcake, grd., dom., bbls., works	ton.	24.00	Nom.
bulk, works	ton.	17.00	Nom.
Import, bulk, c.i.f.	ton.	20.00	Nom.
Chrome (see Chrome cake).			
Saltpeter, dbl., refined, cryst., 10-20 tons, bbls. 100 lbs.		8.10	- 9.10
1-9 tons 100 lbs.		8.25	- 9.25
less than ton lots 100 lbs.		8.50	- 9.50
gran., bbls., 10-20 tons. 100 lbs.		7.10	- —
1-9 tons 100 lbs.		7.25	- —
less than ton lots 100 lbs.		7.50	- —
powd., bbls., 10-20 tons. 100 lbs.		8.10	- —
1-9 tons 100 lbs.		8.25	- —
less than ton lots 100 lbs.		8.50	- —
Santonin, cryst., cns	kilo.	135.00	-145.00
Saponin, crude, cns	lb.	2.25	- 2.50
purified, cns., 25 lbs	lb.	3.00	- 3.25
Sarsaparilla root, Honduras, bls.	lb.	.40	- .41
Mexico, bls	lb.	.16½	- .17
Sassafras, bark, ord., bls	lb.	.13	- .14
select, bls	lb.	.20	- .21
Savory, bbls	lb.	.14	- .15
Saw palmetto berries, bgs	lb.	.08	- .09
Scammony root, bgs	lb.	.07	- .09
resin., lump, cns	lb.	.85	- —
powd., bxs	lb.	.90	- —
Schaeffer's salt, bgs	lb.	.46	- —
Seidlitz mixture, bbls., 5,000 lbs., 1 shipmt.	lb.	.18⅝	- —
smaller lots	lb.	.19¼	- —
kegs, 5,000 lbs., 1 shipm't.	lb.	.19¼	- —
smaller lots	lb.	.19⅝	- —
Selenium, pwd., A, 10-lb. tins	lb.	2.00	- —
100-lb. cases	lb.	1.75	- —
Senega root, bls	lb.	.85	- .90
Senna leaves, Alexandria, half leaf, bls	lb.	.15	- .16
siftings, bgs	lb.	.14	- .15
Tinnevelly, No. 1, bls	lb.	.12	- .13
2 bls	lb.	.10	- .11
3 bls	lb.	.08½	- .09
powd., bbls., bxs	lb.	.12	- .13
Pods, bls	lb.	.09	- .10
Serpentaria root, bls	lb.	.85	- .90
Shellac, bleached, bonedry, bbls., f.o.b., N.Y.	lb.	.25	- .26
dlvd., Boston	lb.	.25½	- .26½
Chicago	lb.	.25⅝	- .26⅝
Pacific Coast	lb.	.28	- .29
refd., bbls., f.o.b., N.Y.	lb.	.31	- .32
dlvd., Boston	lb.	.31½	- .32½
Chicago	lb.	.31⅝	- .32⅝
Pacific Coast	lb.	.34	- .35
Garnet, bgs	lb.	.21	- .22
Orange, D.C., VSO., Diamond I, cases	lb.	.27	- .28
Superfine, bgs., f.o.b. Bost., N. Y.	lb.	.15½	- .16
dlvd., Chicago	lb.	.16	- .16½
Pacific Coast	lb.	.18½	- .19
T.N., bgs., f.o.b. Bost., N.Y.	lb.	.14½	- .15
dlvd., Chicago	lb.	.15	- .15½
Pacific Coast	lb.	.17½	- .18
Varnish, Metro., area, orange, 5-lb. cut., bbls.	gal.	1.05	- 1.10
4½-lb. cut, bbls	gal.	1.00	- 1.05
4-lb. cut, bbls	gal.	.95	- 1.00
white, 5-lb. cut, bbls	gal.	1.15	- 1.20
4½-lb. cut, bbls	gal.	1.10	- 1.15
4-lb. cut. bbls	lb.	1.05	- 1.10
Silica, amorph., dry-grd., 95-97%, 325 mesh, bgs. c.l., works.	ton.	17.00	- —
l.c.l., 2½ tons, works.	ton.	19.00	- —
smaller lots, works.	ton.	20.00	- —
wet-grd., 95-97%, 325 mesh, bgs., c.l., works.	ton.	19.00	- —
l.c.l., 2½ tons, works.	ton.	21.00	- —
smaller lots, works.	ton.	25.00	- —
400 mesh, bgs., c.l., works,	ton.	30.00	- —
l.c.l., 2½ tons, works.	ton.	35.00	- —
smaller lots, works.	ton.	38.00	- —
98-99%, 325 mesh, bgs., c.l., works.	ton.	20.00	- —
l.c.l., 2½ tons, works,	ton.	21.50	- —
smaller lots, works.	ton.	23.00	- —
99%, 325 mesh, bgs., c.l., works.	ton.	22.00	- —
bgs., l.c.l., 2½ tons, works,	ton.	25.50	- —
smaller lots	ton.	27.00	- —
hard-quartz, 99½%, 325 mesh, bgs., c.l., works.	ton.	13.50	- —
l.c.l., works	ton.	18.50	- —
140 mesh, bgs., c.l., works,	ton.	11.00	- —
l.c.l., works	ton.	16.00	- —
Silver, bullion	oz.	.34¾	- —
Govt. purchase, dom., metal,	oz.	.7111	- —
Govt. purchase, foreign metal,	oz.	.35	- —
cyanide, cns., 2,500 ozs	oz.	No prices	
1,000 ozs	oz.	No prices	
500 ozs	oz.	No prices	
80 to 100 ozs	oz.	No prices	
Nitrate, vis	oz.	.26⅞	- —
Nucleinate, bots., cns., 480-oz. lots.	oz.	.30	- .31
Proteinate, bots., cns., 480-oz. lots.	oz.	.29	- .30
Simarubra barks, bls	lb.	.30	- .35
Skatol, bots	lb.	75.00	-80.00
Skullcap, Eastern, bls	lb.	.23	- .24
Western, bls	lb.	.14	- .15
Skunk cabbage root, bls	lb.	.11	- .12
Slate flour, bgs., c.l., works.	ton.	9.00	- —
l.c.l., works	ton.	10.00	-15.00
Sloe berries, bgs	lb.	.12	- .14
Smalt, black, extra velvet, cnts.,	lb.	.05	- .08
Blue, cnts	lb.	.07	- .08¼
Snakeroot, Canada, bls	lb.	.24	- .26
Soapbark, bls	lb.	.14	- .16
crushed, bls., bbls	lb.	.18	- .20
cut, German, bls., bbls	lb.	.35	Nom.
dom., bbls	lb.	.22	- .23
powd., bbls	lb.	.21	- .23
Soda, acetate, anhyd., dms., dlvd.	lb.	.08½	- .10
flake, gran., powd., 60%, dms., c.l., dlvd.	lb.	.04	- —
l.c.l., dlvd.	lb.	.04½	- .05
powd., 90%, dms., c.l., dlvd.,	lb.	.06	- —
l.c.l., dlvd	lb.	.06¾	- —
Soda, alginate, dms., bbls., works.	lb.	.71	- .96
Antimoniate, bbls	lb.	.14½	- .15
Arsenate, dms., dealers, c.l., works.	lb.	.07	- .08
l.c.l., dms., works	lb.	.07¾	- .08¾
Arsenite, dry, gray, dms., c.l., dealers, works.	lb.	.06½	- .07½
l.c.l., dms., works	lb.	.07¼	- .09½
white, dms., c.l., dealers, works.	lb.	.08	- .09
l.c.l., dms., works	lb.	.08¾	- .10¾

Soda arsenite, dry, gray, prices are ¾c. per pound higher in Chicago; 1c. per pound higher in Houston, Tex., and Colorado. White prices are 1c. per pound higher in Tex. and Colo.

Ash, dense, 58%, bgs., c.l., works.	100 lbs.	1.10	- —
l.c.l., Zone 1	100 lbs.	2.13	- —
2	100 lbs.	2.28	- —
3	100 lbs.	2.53	- —
4	100 lbs.	2.93	- —
bbls., c.l., works.	100 lbs.	1.35	- —
l.c.l., Zone 1	100 lbs.	2.35	- —
2	100 lbs.	2.50	- —
3	100 lbs.	2.75	- —
4	100 lbs.	3.15	- —
bulk, c.l., works	100 lbs.	.95	- —
extra light, 58%, bgs., c.l., works	100 lbs.	1.05	- 1.08
l.c.l., Zone 1	100 lbs.	2.08	- —
2	100 lbs.	2.23	- —
3	100 lbs.	2.48	- —
4	100 lbs.	2.88	- —
bbls., c.l., works.	100 lbs.	1.45	- —
l.c.l., Zone 1	100 lbs.	2.45	- —
2	100 lbs.	2.60	- —
3	100 lbs.	2.85	- —
4	100 lbs.	3.25	- —
bulk, c. l.	100 lbs.	.90	- —

Resorcinol—Soda Ash

Soda ash, light, 50%, bgs., c.l., works.	100 lbs.	1.05	- 1.08
l.c.l., Zone 1	100 lbs.	2.08	- —
2	100 lbs.	2.23	- —
3	100 lbs.	2.48	- —
4	100 lbs.	2.88	- —
c.l., works	100 lbs.	1.35	- —
l.c.l., Zone 1	100 lbs.	2.35	- —
2	100 lbs.	2.50	- —
3	100 lbs.	2.75	- —
4	100 lbs.	3.15	- —
bulk, c.l.	100 lbs.	.90	- —

Soda ash l.c.l. prices are per 100 lbs. f.o.b. recognized warehouse points and include delivery in any quantity to customer's sidewalk within recognized local trucking distance of seller's warehouse. The sales zones are:—Zone 1, All Northern U. S. E. of Miss. river and North of the Southern boundaries of Ky. and Va., including also St. Louis, Mo., and Davenport, Ia.; parallel; La., Miss., Ala., South of 31° Texas, E. of 100° Meridian and S. of 31° parallel and Fla., in Me., N.H. and Vt. special local zone prices apply for ship't to various counties. Zone 2, Ark. East of 93° Meridian, Neb., E. of 98° Meridian; Tex., N. of 31° parallel and E. of 100° Meridian (except Wichita Falls), Ala., La., and Miss. N. of 31° parallel; Iowa, (except Davenport) Ga., Minn., Mo. (except St. Louis) N. and S.C., and Tenn. Zone 3, Kansas, Neb., W. of 98° Meridian, Tex., W. of 100° Meridian (including Wichita Falls, but excluding El Paso) N. and S.D., Okla., Ark., W. of 93° Meridian. Zone 4, El Paso, Tex., Ariz., Colo., Idaho, Mont., Nev., N.M., Utah and Wyo.

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No. 4035 is an iron blue of jet, non-bronzing masstone and clean, strong tint.

In enamels where either depth of shade or cleanness of tint is desired, formulators are showing a marked preference for No. 4035. It is a low oil absorption blue, non-reactive in combination with alkyd resins, a strong tinter and easy to grind.

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New locations for plants and warehouse points, new equipment, new methods, the increasing of quality standards and improving the availability of its products, the affording of technical advice and assistance to users of alkalies—are all *demonstrated* evidence of Solvay's service to American industry.

Soda Ash
Caustic Soda
Modified Sodas
Special Alkalies
Heavy Duty Cleansers
Nitrite of Soda
Liquid Chlorine
Calcium Chloride
Caustic Potash
Liquid—Flake—Ground—Solid—Lump
Ammonium Chloride
Para-dichlorobenzene
Ortho-dichlorobenzene
Ammonium Bicarbonate
Potassium Carbonate
Liquid—Granular Hydrated—Dustless Calcined
47% 83-85% 98-100%

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Chicago	Detroit	Philadelphia	Syracuse

Soda Benzoate—Solvent Naph.

Soda benzoate, tech., bbls., 4,000 lbs .or more..lb. .39 - —
1,000 to 3,900 lbs.....lb. .40 - —
900 lbs. or less.....lb. .43 - —
USP, bbls., 4,000 or more..lb. .46 - —
1,000 to 3,900 lbs.....lb. .47 - —
900 lbs. or less.....lb. .50 - —
4,000 lbs. or more.....lb. .47 - .48
1,000 to 3,900 lbs.....lb. .48 - .49
900 lbs. or less.....lb. .51 - .52
Bicarbonate, tech., bbls., c.l., works..100 lbs. 1.70 - —
l.c.l. .....100 lbs. 2.05 - —
bgs., c.l.....100 lbs. 1.55 - 1.60
l.c.l. .....100 lbs. 1.90 - 1.95
USP, gran., bbls., c.l., works, 100 lbs. 2.25 - —
powd., bbls., c.l., works, 100 lbs. 1.85 - —
l.c.l., dlvd. N. Y...100 lbs. 2.51 - —
kgs., c.l.....100 lbs. 2.10 - —
l.c.l., dlvd. N.Y..100 lbs. 2.76 - —
Bichromate, spot, c.l., works.. lb. .06⅞- —
l.c.l., 5 cks. or 10 bbls. or over, works..lb. .07 - —
5 cks. or 9 bbls. or less, works..lb. .07¼- —
Bifluoride, bbls.....lb. .11¼- .12
Bisulphite, powd., bbls., c.l., bbls., works..100 lbs. 3.00 - 3.10
l.c.l., works.....100 lbs. 3.50 - 3.60
solution, 32 deg., bbls., c.l., works..100 lbs. 1.30 - —
l.c.l., bbls., works..100 lbs. 1.55 - —
66 deg., bbls., c.l., works, 100 lbs. 1.35 - —
l.c.l., bbls., works..100 lbs. 1.60 - —
solution, 85 deg., bbls., c.l., works..100 lbs. 1.40 - —
l.c.l., bbls., works..100 lbs. 1.65 - —
44 deg., bbls., works, 100 lbs. 1.55 - —
l.c.l., bbls., works.100 lbs. 1.80 - —
Bromide, USP, gran., bbls., 500 lbs..lb. .31 - —
fiber drms.. 100 lbs.....lb. .32 - —
Cacodylate, 1-kilo bots.....lb. 6.00 - —
Carbonate (see Soda ash, soda monohydrated, soda sal).
Caustic, flake, 76% powd., ammon. process, bbls., c.l., works..100 lbs. 2.95 - —
drms., c.l., works..100 lbs. 2.70 - —
l.c.l., Zone 1....100 lbs. 3.55 - 4.90
2 .....100 lbs. 3.70 - 5.05
3 .....100 lbs. 3.95 - 5.30
4 .....100 lbs. 4.35 - 5.70
electro process, drms., c.l., works..100 lbs. 2.70 - —
l.c.l., same zone prices as ammonia process.
liquid, 47-49%, buyers' tanks, works..100 lbs. 1.92½- —
seller's tanks, works, 100 lbs. 1.95 - —
70%, buyers' tanks, works, 100 lbs. 1.97½- —
seller's tanks, works, 100 lbs. 2.00 - —
solid, 76%, ammon. process, drms., c.l., works. 100 lbs. 2.30 - —
l.c.l., Zone 1....100 lbs. 3.15 - —
2 .....100 lbs. 3.30 - —
3 .....100 lbs. 3.55 - —
electro process, drms., c.l., works..100 lbs. 2.30 - —
l.c.l., same zone prices as ammon. process.
Caustic soda l.c.l. prices are on the same basis as those for soda ash. The sales zones are also the same.
Chlorate, dom., cryst., bgs., c.l., works..lb. .06¼- —
l.c.l., works.....lb. .06½- —
powd., bgs., c.l., works..lb. .06½- —
l.c.l., works.....lb. .07 - .08½
Chromate, spot, c.l., works...lb. .08¼- —
l.c.l., 5 cks., 10 bbls. or over, works..lb. .08⅝- —
smaller quantities.....lb. .08⅝- —
Citrate, USP, VIII, gran., bbls., 225-lb. lots..lb. .18½- —
cns., 50-lb. lots.....lb. .20½- —
25-lb. lots.....lb. .22½- .23½
kgs., 100-lb. lots.....lb. .19½- —
USP XI, gran., bbls., 250-lb. lots..lb. .24 - —
boxes, 50-lb. lots.....lb. .26 - —
cns., 25-lb. lots.....lb. .28 - .29
kgs., 100lb. lots.....lb. .25 - —
Citrate, USP XI, powd., bbls., 250-lb. lots..lb. .24½- —
boxes, 50-lb. lots.....lb. .26½- —
cns., 25-lb. lots.....lb. .29½- —
kgs., 100-lb. lots.....lb. .25½- —
Cyanide, 96-98%, dom., drms..lb. .14 - .15
import, 90%, cs.....lb. No price
Cyanide, gold, 46% gold, bots., works..oz. 15.85 -17.10
Diacetate, 33-35% acidity, bbls., dlvd..lb. .09 - —
Fluoride, white, 90%, bbls., c.l., frt. alld..lb. .07 - —
Fluoride, white, 90%, bbls., l.c.l., 10 or over, same basis..lb. .07½- —
1-9, same basis.....lb. .08 - —
95%, bbls., c.l., same basis, lb. .07¼- —
l.c.l., 10 or over, same basis..lb. .07¾- —
1-9, same basis.....lb. .08¼- —
Soda fluoride prices at Los Angeles are f.a.s. works.
Glycerophosphate, N.F., cryst., bbls., 1,000-lb. lots..lb. 1.10 - —
smaller lots.....lb. 1.25 - —
cns., 25 lbs.....lb. 1.50 - —
powd., bbls., 1,000-lb. lots, lb. 1.15 - —
smaller lots.....lb. 1.30 - —
cns., 25 lbs.....lb. 1.55 - —
Hydrosulphite, drms.....lb. .16 - .17
Hydroxide, USP, sticks, cns., 100-lb. lots..lb. .20½- .22
Hypophosphite, N.F., cns., 100-lb. lots..lb. .67 - —
Hyposulphite, cryst., large, bgs., c.l., wks., frt. equal'd.100 lbs. 2.25 - —
bbls., same basis...100 lbs. 2.45 - —
l.c.l., bgs., works, frt. equal'd 100 lbs. 2.50 - —
bbls., same basis...100 lbs. 2.70 - —
pea, bgs., c.l., works..100 lbs. 2.60 - —
bbls., works.....100 lbs. 2.80 - —
drms., works.....100 lbs. 3.10 - —
5,000 lbs. and over, bgs., works..100 lbs. 2.75 - 3.00
bbls., works.....100 lbs. 2.95 - 3.20
drms., works.....100 lbs. 3.25 - 3.60
2,500 to 5,000 lbs., bgs., works...100 lbs. 2.85 - 3.10
bbls., works.....100 lbs. 3.05 - 3.30
drms., works.....100 lbs. 3.35 - 3.60
500 to 2,500 lbs., bgs., works, lb. 3.10 - 3.25
bbls., works.....100 lbs. 3.30 - 3.55
drms., works.....100 lbs. 3.60 - 3.85
less than 500 lbs., bgs., works..100 lbs. 3.70 - 3.95
bbls., works.....100 lbs. 3.90 - 4.15
drms., works.....100 lbs. 4.20 - 4.45
Iodate, jars.....lb. 5.02 - 5.07
Iodide, jars.....lb. 2.30 - —
bots. .....lb. 2.41 2.47
Soda mandelate, bots., 5 lbs...lb. 3.80 - —
fib. drms., 100-lb. lots.....lb. 3.05 - —
smaller lots.....lb. 3.15 - 3.20
Metaniiate, kgs.....lb. .41 Nom.
Metasilicate, anhyd., drms., c.l., works, frt. equal'd..100 lbs. 3.75 - —
15 drms. and over, dlvd. N.Y..100 lbs. 4.65 - —
3-14 drms., same basis.. 100 lbs. 4.80 - —
1-2 drms., same basis.. 100 lbs. 5.05 - —
gran., bbls., c.l., works....lb. 2.35 - —
10 bbls. and over, dlvd., N.Y..lb. 3.10 - —
1-9 bbls., dlvd. N. Y....lb. 3.35 - —
Molybdate, kgs., works.....lb. .60 - —
less kgs.....lb. .65 - —
Monohydrated, bbls.....100 lbs. 2.60 - —
works .....100 lbs. 2.30 - —
Naphthionate, bbls.....lb. .50 - —
Nitrate, crude, c.l., 100-lb. bgs., dlvd., f.o.b. cars producing point or ports, rail or boat shipment..ton. 29.00 - —
200 lb. bgs., same basis.ton. 28.30 - —
bulk, same basis.....ton. 27.00 - —
rfd., gran., bbls., 10 tons, 100 lbs. 2.50 - —
1-9 tons.....100 lbs. 2.65 - —
smaller lots.....100 lbs. 2.90 - —
powd., bbls., 10 tons.100 lbs. 5.50 - —
1-9 tons.....100 lbs. 5.65 - —
Nitrite, 96-98%, dom., bbls., c.l., works, frt. equalized..lb. .06¾- —
c.l., West Coast, f.o.b. ports..lb. .08 - —
l.c.l. .....lb. .08¼- .11¼
Soda nitrite l.c.l. price range represents delivery at various points.
Orthosilicate, flake, drms., c.l., works..100 lbs. 3.00 - —
Oxalate, neut., bbls.....lb. .09 - —
kgs. .....lb. .10 - .11
Perborate, N.F., bbls., c.l., works..lb. .14¾- —
l.c.l., works.....lb. .15¼- —
Pentachlorphenate, briquets, single bgs., works..lb. .26 - —
70 lbs., bgs., works.....lb. .19½- —
490 lbs., bgs., works.....lb. .17½- —
powd., 100 lbs., bgs., works, lb. .19 - —
500 lbs., bgs., works.....lb. .17 - —
Phosphate, dibasic, anhyd., bgs., bgs., c.l., works..100 lbs. 5.15 - —
l.c.l., works.....100 lbs. 6.10 - —
bbls., c.l., works...100 lbs. 5.35 - —
l.c.l., works.....100 lbs. 6.30 - —
cryst., tech., bgs., c.l., works, 100 lbs. 2.10 - —
l.c.l., works.....100 lbs. 2.50 - —
bbls., c.l., works...100 lbs. 2.30 - —
l.c.l., works.....100 lbs. 2.70 - —
Phosphate, monobasic, anhyd., bgs., c.l., works.....100 lbs. 7.25 - —
l.c.l., works.....100 lbs. 8.00 - —
bbls., c.l., works...100 lbs. 7.45 - —
l.c.l., works.....100 lbs. 8.20 - —
tribasic, bgs., c.l., works..lb. 2.25 - —
l.c.l., works.....100 lbs. 2.65 - —
bbls., c.l., works...100 lbs. 2.45 - —
l.c.l., works.....100 lbs. 2.85 - —
kgs., c.l., works...100 lbs. 2.95 - —
l.c.l., works.....100 lbs. 3.35 - —
USP (dibasic), bbls., works, lb. .09 - .11
dried, bbls., drms., works.lb. .11½- .14
Picramate, kgs.....lb. .65 - —
Prussiate, yellow, bbls., 10,000 lbs. or more..lb. .10½- —
contracts .....lb. .09½- —
smaller lots.....lb. .10¾- —
contracts .....lb. .09¾- —
Pyrophosphate, anhy., bgs., c.l., works, frt. equal'd.100 lbs. 5.10 - —
l.c.l., same basis...100 lbs. 5.35 - 5.60
bbls., c.l., works, frt. equalized..100 lbs. 5.30 - —
l.c.l., same basis...100 lbs. 5.55 - 5.80
Ricinoleate, tech., bbls.....lb. .12 - —
Sal., bgs., dlvd., N. Y....100 lbs. 1.20 - —
works .....100 lbs. 1.00 - —
bbls., dlvd., N. Y.....100 lbs. 1.30 - —
works .....100 lbs. 1.10 - —
Salicylate, bxs.....lb. .52 - —
Sesquicarbonate, bgs., c.l., works, 100 lbs. 1.50 - —
bbls., c.l., works...100 lbs. 1.70 - —
bbls., l.c.l., Zone 1...100 lbs. 2.70 - —
2 .....100 lbs. 2.85 - —
3 .....100 lbs. 3.10 - —
4 .....100 lbs. 3.50 - —
Soda sesquicarbonate l.c.l. prices are on same basis as those for soda ash and Caustic soda. The sales are also the same.
Sesquisilicate, drms., c.l., works, 100 lbs. 2.90 - —
10 drms. or over, dlvd., N. Y. C..lb. 4.00 - —
1-9 drms.....lb. 4.25 - —
Silicate, 40° turbid, drms., c.l., works..100 lbs. .80 - —
l.c.l., 5 or more, works, 100 lbs. 1.05 - —
1 to 4, works.....100 lbs. 1.20 - —
52°, drms., c.l., works..100 lbs. 1.40 - —
l.c.l., 5 or more, works, 100 lbs. 1.65 - —
1 to 4, works.....100 lbs. 1.80 - —
Silicofluoride, dom., bbls.....lb. No prices
import, bbls.....lb. .05¾- .06¼
Stannate, drms.....lb. No prices
Stearate, lump, powd., bbls., works..lb. .19 - .24
Sulphate, anhyd., bgs., bbls., c.l., works..100 lbs. 1.45 - 1.65
5 tons or over, works, 100 lbs. 1.70 - 1.90
less than 5 tons, works, 100 lbs. 1.95 - 2.15
cryst. (see Glauber's salt).
Sulphide, cryst., bbls., c.l., works..100 lbs. 2.25 - —
l.c.l., 5 tons or over, dlvd., 100 lbs. 2.75 - —
less than 5 tons, dlvd., 100 lbs. 3.00 - —
solid, bbls., c.l., works, 100 lbs. 3.00 - —
l.c.l., 5 tons or over, dlvd., 100 lbs. 3.50 - —
less than 5 tons, dlvd., 100 lbs. 3.75 - —
Sulphite, cryst., bgs., 100 lbs., works..lb. 2.10 - 2.35
bbls. .....100 lbs. 2.30 - 2.55
powd., bbls., c.l.....100 lbs. 5.25 - —
l.c.l., 5 or more....100 lbs. 5.50 - —
1 to 4.....100 lbs. 6.00 - —
Sulphocarbolate, cs.....lb. .27 - .28
Sulphocyanide, drms., cns....lb. .28 - .47
Sulphydrate, liquid, 38%, basis 100%, drms., c.l., f.o.b. works..lb. .05½- —
l.c.l., works.....lb. .06 - —
single dm. lots, works..lb. .08 - —
tanks, works.....lb. .04½- —
Sulphoricinoleate, bbls.....lb. .12 - —
Thiosulphate (see Hyposulphite).
Tungstate, CP, kgs.....lb. No prices
tech., kgs.....lb. No prices
Solvent, naphtha, drms., wks..gal. .32 - —
tanks, E. of Omaha, frt. alld. gal. .27 - —
W. Coast, f.o.b. Minnequa, Colo..gal. .27 - —
High-flash, drms., works, frt. alld..gal. .31 - —
tanks, came basis.....gal. .26 - —

Sorbitol, com'l, solut., dms., c.l., works	lb.	.15½	—
l.c.l.	lb.	.16	—
Soybean protein, bgs., c.l., works, lb.	lb.	.13¾	—
l.c.l., works	lb.	.14	—
Sparteine sulphate, cns.	oz.	1.50	1.60
Spearmint leaves, bls.	lb.	.25	.28
Spikenard root, bls.	lb.	.21	.22
Spruce extract, reg., bbls., c.l., works	lb.	.01¾	—
tanks, works	lb.	.01½	—
powd., super, bgs., c.l., works, lb.		.04	—
super, bbls., c.l., works	lb.	.01¾	—
tanks, works	lb.	.01½	—
Squawvine, leaves, bls.	lb.	.14	.15
Squill, red, bls.	lb.	.20	.21
white, bls.	lb.	.10	.11
powd., bbls., bxs.	lb.	.15	.16
St. Ignatius beans, bgs.	lb.	.45	.46
St. John's Bread, edible, bls., lb.		.09	.11
inedible, bls.	lb.	.07	.09
Starch, corn, pearl, bgs., f.o.b. Chicago	100 lbs.	2.70	—
dlvd., N. Y.	100 lbs.	3.05	—
powd., bgs., f.o.b. Chicago, 100 lbs.		2.80	—
dlvd., N. Y.	100 lbs.	3.15	—
Potato, dom., bgs.	lb.	.05	.0560
import, bgs.	lb.	.06½	Nom.
Rice, bbls.	lb.	.07¼	Nom.
Sweetpotato, bgs.	lb.	.05½	.06
bbls.	lb.	.06	.06½
Wheat, thick, boil, bgs.	lb.	.05½	Nom.
Starch, iodide, bots.	lb.	1.87	—
Staveacre, seed, bgs.	lb.	.28	.30
Stearin, oleo, bbls.	lb.	.06	.06¼
Stillingia root, bls.	lb.	.07½	.08
Stoneroot, bls.	lb.	.07½	.08
Storax, cs.	lb.	.60	.65
Stramonium leaves, bls.	lb.	.18	.19
Seed, bgs.	lb.	.20	.21
Strontium bromide, fib. dms.	lb.	.57	.58
kgs., 150 lbs.	lb.	.55	—
Carbonate, N.F., IV, 250-lb. bbls.	lb.	.30	—
25-lb. bxs.	lb.	.35	—
100-lb. kgs.	lb.	.32	—
tech., 99-100%, precip., bbls. lb.		.23	—
Chloride, tech., bbls.	lb.	.18½	—
Iodide, bots., 5 lbs.	lb.	3.00	—
jars, 25 lbs.	lb.	3.06	—
Nitrate, dom., bbls., c.l., works. lb.		.07¾	—
25 bbls. and over	lb.	.08¼	—
1-24 bbls. and over	lb.	.08¾	—
Strophanthus seed, Kombe, bgs.	lb.	3.40	3.50
Styalyl acetate, bots.	lb.	6.75	7.00
Strychnine, cryst., cns., 100-oz. lots	oz.	.60	—
Acetate, 25-oz. cns., 100-oz. lots	oz.	.79	—
Arsenate, 25-oz. cns., 100-oz. lots	oz.	.82	—
Arsenite, 25-oz. cns., 100-oz. lots	oz.	.79	—
Glycerophosphate, 25-oz. cns., 100-oz. lots	oz.	.80	—
Hydrochloride, 25-oz. cns., 100-oz. lots	oz.	.79	—
Hypophosphite, 25-oz. cns., 100 oz. lots	oz.	.91	—
Nitrate, 25-oz. cns., 100-oz. lots	oz.	.73	—
Phosphate, 25-oz. cns., 100-oz. lots	oz.	.80	—
Sulphate, cryst., cns., 100-oz. lots	oz.	.50	—
powd., cns., 100-oz. lots	oz.	.40	—
Sucrose octa-acetate, denat. grade, bbls, l.c.l., works	lb.	.45	—
tech, bbls, l.c.l., works	lb.	.40	—
Sugar coloring, bbls.	gal.	.65	1.05
Milk, bbls., c.l.	lb.	.16	—
l.c.l., 10 or over	lb.	.17	—
less than 10	lb.	.18	—
Sulfanilamide, 5 lbs., bots.	lb.	1.70	—
fib., dms., 1,000 lbs., 1 delivery, lb.		1.25	—
100 lbs.	lb.	1.30	—
25 lb. lots	lb.	1.45	—
Sulfapyridine, powd., for hospitals, 5-grain bots.	bot.	1.25	—
Sulphonethylmethane, kgs.	lb.	6.75	6.80
Sulphonmethane, kgs.	lb.	5.25	—
Sulphur, crude, bulk, f.o.b. cars, mines, contracts, long ton		16.00	—
f.o.b. steamers, Gulf ports, contract	long ton	17.50	—
flowers, bgs., c.l., works. 100 lbs.		3.00	—
bbls., works	100 lbs.	3.35	—
l.c.l., bgs., works	100 lbc.	3.35	3.75
bbls., works	100 lbs.	3.70	4.10
refined, broken, bgs., c.l., works, 100 lbs.		2.15	—
bbls., works	100 lbs.	2.30	—
l.c.l. bgs., works	100 lbs.	2.50	2.90
bbls., works	100 lbs.	2.65	3.05
flour, comm'l, bgs., c.l., works, 100 lbs.		1.60	—
bbls., c.l., works	100 lbs.	1.95	—
l.c.l., bgs., works	100 lbs.	1.95	1.98
bbls., works	100 lbs.	2.30	2.70
extra fine, bgs., c.l., works, 100 lbs.		2.55	—
bbls., works	100 lbs.	3.20	—
l.c.l., bgs., works	100 lbs.	3.20	3.60
bbls., works	100 lbs.	3.55	3.95
heavy, bgs., c.l., works	100 lbs.	2.55	—
bbls., works	100 lbs.	2.90	—
l.c.l., bgs., works	100 lbs.	2.90	3.30
bbls., works	100 lbs.	3.25	3.65
light, bgs., c.l., works	100 lbs.	2.03	—
bbls., works	100 lbs.	3.00	—
l.c.l., bgs., works	100 lbs.	3.00	3.40
bbls., works	100 lbs.	3.35	3.75
rock, virgin, bbls., c.l., works, 100 lbs.		2.15	—
l.c.l., bbls., works	100 lbs.	2.50	2.90
roll, bgs., c.l.	100 lbs.	2.35	—
bbls., works	100 lbs.	3.50	—
l.c.l., bgs., works	100 lbs.	2.70	3.10
bbls., works	100 lbs.	2.85	3.25
rubber maker's, com'l, 99¼%, c.l., frt. alld.	100 lbs.	2.00	—
bbls., same basis, c.l., 100 lbs.		2.35	—
refined, 100%, bgs., c.l., frt. alld.	100 lbs.	2.35	—
bbls., same basis	100 lbs.	2.70	—
Chloride, 55-gal. dms., c.l.	lb.	.03	—
l.c.l., dms., works	lb.	.04	—
10-gal. dms., c.l.	lb.	.07	—
l.c.l.	lb.	.08	—
Dioxide, liq., com'l, cyls., works. lb.		.07	.09
multi-unit, cars, works	lb.	.04½	.07
tanks, works	lb.	.04	.06
refrigeration, cyls., works	lb.	.16	.40
multi-unit cars, works	lb.	.07½	.10
multi-unit cars, works	lb.	.07½	.10
Iodide, bots., jars	lb.	3.90	4.05
Precipitated, USP, bbls.	lb.	.17	.22
Sumac, grd., Sicilian, f.a.s.	ton.	140.00	—
leaf, f.a.s.	ton.	140.00	—
Extract, 42°, bbls.	lb.	.06	.06¼
51°, bbls.	lb.	.07	.07¼
stainless, bbls.	lb.	.09	.11
Berries, bgs.	lb.	.14	.15
Sunflower seed, Calif., large, bgs., lb.		.07	.07½
medium, bgs.	lb.	.06	.06½
poultry, bgs.	lb.	.05	.05½
Superphosphate, guaranteed, 16%, bulk, f.o.b. cars, boat, Balto., ton.		9.00	—
run-of-pile, basis 16%, bulk, same basis	ton.	8.50	—
triple, 40-48%, a.p.a. bulk, f.o.b. Balto.	unit-ton.	.70	—

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Talc, dom., Calif., 1, bgs., c.l., mills	ton.	20.00	—
2, bgs., c.l., mills	ton.	17.00	—
N. Y., fibrous, 93-94%, 325 mesh, bgs., c.l., mills, ton.		14.00	16.00
l.c.l., mills	ton.	16.00	1800
96-98%, 825 c.l., mills	ton.	15.00	17.00
l.c.l. mills	ton.	17.00	19.00
98-99½%, 325 mesh bgs., c.l., mills	ton.	15.25	17.25
l.c.l., mills	ton.	17.25	19.25
fibrous, 90.85-99.95%, 325 mesh, bgs., c.l., mills	ton.	17.00	19.00
coarse, off color, bgs., c.l., mills	ton.	11.00	13.00
Ohio, flake type, grd., bgs., c.l., mills	ton.	21.00	—
l.c.l., mills	ton.	24.50	—
Vermont, bgs., c.l., mills ton.		14.00	—
l.c.l., ex whse	ton.	25.00	—
Canad., bgs., c.l., mills	ton.	11.50	13.00
French, high-grade, bgs., l.c.l., ex whse	ton.	45.00	60.00
ordinary, bgs., c.l., ex dock, arrival	ton.	23.00	25.00
l.c.l. ex whse	ton.	27.50	35.00
Talc, Italian, 1, bgs., ex dock, arrival	ton.	67.00	70.00
ex whse	ton.	75.00	78.00
2, bgs., ex dock, arrival	ton.	64.00	67.00
Tallow, animal, edible	lb.	.05¼	Nom.
extra, loose	lb.	.04¾	—
special, loose	lb.	.04¾	—
vegetable, ship, cs.	lb.	.06	Nom.
sulphonated, 35% (24% fat), dms., c.l.	lb.	.03¾	Nom.
l.c.l.	lb.	.04¾	Nom.
50% (43% fat), dms., c.l., lb.		.05¼	Nom.
l.c.l.	lb.	.06¼	Nom.
50% (48% fat), dms., c.l.	lb.	.05¾	Nom.
l.c.l.	lb.	.06¾	Nom.
kegs	keg.	6.00	8.00
Tamarind, No. 1, bbls.	lb.	.07	.08
Tankage, animal, dom., grd., 9% ammon., 10% b.p.l., bulk	unit-ton.	2.75 &	.10
unground feeding, 9-11% ammon., 15-20% b.p.l., bulk	unit-ton.	2.75 &	.10
10-11% ammon., 15% b.p.l., bulk, Chicago	unit-ton.	2.85 &	.10
high-grade feeding, bulk, Chicago	unit-ton.	2.85 &	.10
Import, S. Amer., 10-12% ammon., 15% b.p.l. bulk, c.i.f. ports, March shipt.	unit-ton.	3.10 &	.10
Tansy leaves, bls.	lb.	.22	.23
Tapioca flour, bgs.	lb.	.02¾	.04½
Tar acid oil, 15%, dms., c.l., works	gal.	.22	—
l.c.l., same basis	gal.	.24	—
25%, dms., c.l., works	gal.	.26	—
l.c.l., same basis	gal.	.28	—
Tar, pine, retort, dms., c.l., dlvd. E. cities	gal.	.27	—
ports	gal.	.26	—
l.c.l.	gal.	.27	—
tanks, dlvd, E. cities	gal.	21.	—
Tarragon herb, bgs.	lb.	.60	.65
Tartar emetic, tech., fine gran., bbls., 5 or more	lb.	.34¾	Nom.
less than 5	lb.	.35	Nom.
powd., bbls., 5 or more	lb.	.34¾	Nom.
less than 5	lb.	.35	Nom.
USP, powd., bbls.	lb.	.40	Nom.
Terebene, cans.	lb.	.70	.75
Terpinyl acetate, cns.	lb.	.82	.85
Terpin hydrate, kgs.	lb.	.60	.65
Terpineol, CP, cns.	lb.	.28	—
dms.	lb.	.25	—
Terpineol, alpha, denat. grade, dms., c.l., wks., net wgt.	lb.	.17	—
Terra alba (see Gypsum).			
Tetrachloroethane, dms., wks.	lb.	.08	.08½
Tetrachloroethylene, CP, dms.	lb.	.21½	—
tech. (see Perchloroethylene).			
Tetralin, dms.	lb.	.12	—
Tetrasodium pyrophosphate (see soda pyrophosphate).			
Thallium sulphate, 99% pure, bots., works	lb.	5.00	7.00
Theobromine, dms., cns.	lb.	2.00	2.25
Sodiosalicylate, cns.	lb.	1.95	—
dms.	lb.	1.75	1.80
5-lb. bots.	lb.	2.11	—
Thiocarbanilide, dms.	lb.	.24	—
Thorium, nitrate, cs., works	lb.	2.00	—
Thyme, French, bls.	lb.	.17½	.18
Thymol, dms., 100 lbs.	lb.	1.50	—
cns., 25 lbs.	lb.	1.55	1.60
Iodide, kgs., 50 lbs.	lb.	3.25	3.30
25 lbs.	lb.	3.35	3.40

Products of a Healthy Vine

Products of the factory too, reflect the source from which they spring. They show the care taken in their production and the quality of the materials used in making them. The quality of Niagara Caustic Potash, Caustic Soda and Carbonate of Potash is reflected in the products of Niagara's many customers throughout the country. Make Niagara your headquarters for these important materials.

Niagara ALKALI COMPANY
60 EAST 42nd STREET, NEW YORK, N. Y.
Affiliated with Electro Bleaching Gas Company, Pioneer Manufacturer of Liquid Chlorine

CAUSTIC SODA
CARBONATE OF POTASH
CAUSTIC POTASH

PHTHALYL

FOR PLASTICIZING

Santicizer B-16 (Butyl Phthalyl Butyl Glycollate) is a solvent for and imparts plasticity to many synthetic resins, and is probably the best plasticizer for polystyrene. It is a practically colorless liquid, imparts good flexibility, is extremely light stable and non-toxic and will not crystallize at temperatures as low as −35° C.

Santicizer E-15 (Ethyl Phthalyl Ethyl Glycollate) is a solvent both for nitro and acetyl cellulose and for most resins. Light fast and almost colorless, it gives clear, tough flexible films from which it does not evaporate. It is miscible with common organic solvents except the petroleum hydrocarbons, and is not miscible with vegetable oils unless heated.

Santicizer M-17 (Methyl Phthalyl Ethyl Glycollate) is a practically colorless, non-toxic liquid which remains liquid at temperatures as low as −35° C and, being a solvent for both nitrocellulose and acetyl cellulose, can be used in high proportions with either of these materials. It is very light stable and is readily miscible with most organic solvents.

Further information and samples of these phthalyl glycollates may be had on request. Inquire: MONSANTO CHEMICAL COMPANY, St. Louis, U. S. A. District Offices: New York, Chicago, Boston, Detroit, Charlotte, Birmingham, Los Angeles, San Francisco, Montreal, London.

MONSANTO CHEMICALS

SERVING INDUSTRY . . . WHICH SERVES MANKIND

GLYCOLLATES

Timbo, root, powd., 4% rotenone, bbls..lb. .18 - .24
5% rotenone, bbls.....lb. .22 - .30
Tin chloride (ous), anhyd.....lb. .44½- —
Crystals, bbls., kgs.....lb. .36 - —
Metal, Straits.....lb. .45⅞- —
Oxide, bbls.....lb. .51 - .53
Tetrachloride, anhyd., bbls...lb. .22½- —
Titanium, dioxide, bgs., c.l., (20 tons), frt. pd..lb. .13 - —
l.c.l., 5 tons, E. frt. pd..lb. .13¼- —
Pac. Cst., ex whse.lb. .13¼- —
l.c.l., 1,000-9,999 lbs., E. frt. pd..lb. .13½- —
Pac. Cst., ex whse..lb. .13½- —
50-999 lbs., E. frt. pd., lb. .13¾- —
Pac. Cst., ex whse..lb. .13¾- —
under 50 lbs., E. frt. pd., lb. .16 - —
Pac. Cst., ex whse..lb. .16 - —
bbls., c.l. (20 tons), frt. pd, lb. .13¼- —
l.c.l., 5 tons, E. frt. pd...lb. .13½- —
Pac. Cst., ex whse....lb. .13½- —
1,000-9,999 lbs., E. frt. pd., lb. .13¾- —
Pac. Cst., ex whse....lb. .13¾- —
50-999 lbs., E. frt. pd...lb. .14 - —
Pac. Cst., ex whse....lb. .14 - —
chalk resistant, bgs., c.l. (20 tons), frt. pd..lb. .15 - —
l.c.l., 5 tons, frt. pd....lb. .15¼- —
1,000-9,999 lbs. frt. pd..lb. .15½- —
50-999 lbs., frt. pd....lb. .15¾- —
Under 50 lbs., frt. pd..lb. .18 - —
bbls., c.l., (20 tons), frt. pd. lb. .15¼- —
l.c.l., 5 tons, E. frt. pd.lb. .15½- —
Pac. Cst., ex whse..lb. .15½- —
1,000-9,999 lbs., E. frt. pd. lb. .15¾- —
Pac. Cst., ex whse..lb. .15¾- —
50-999 lbs., E. frt. pd., lb. .16 - —
Pac. Cst., ex whse..lb. .16 - —
barium or magnesium base, bgs., c.l., D. frt. alld., lb. .05¼- —
l.c.l., dlvd.....lb. .05½- —
Pac. Cst., ex whse..lb. .05½- —
under 50 lbs., E. dlvd.lb. .06½- —
bbls., c.l., D., frt. alld..lb. .05½- —
l.c.l., E., dlvd.....lb. .05¾- —
Pac. Cst., ex whse..lb. .05¾- —
under 50 lbs., E. dlvd.lb. .06½- —
calcium base, bgs., c.l., D. frt. alld..lb. .05 - —
l.c.l., dlvd.....lb. .05¼- —
Pac. cst., ex whse.....lb. .05¼- —
under 50 lbs., E., dvid....lb. .06 - —
bbls., c.l., D., frt. alld.....lb. .05¼- —
l.c.l., E., dlvd.....lb. .05½- —
Pac. cst., ex whse.....lb. .05½- —
under 50 lbs., E. dlvd....lb. .06¼- —
Tolidin base, distilled, kgs....lb. .96 - —
Tolu, balsam, cns.....lb. 1.05 - 1.10
Toluidin, mixed, dms.....lb. .26 - —
Toluol (toluene), 2° indus., dms., returnable..gal. .30 - —
tanks, E. of Omaha, frt. alld., gal. .25 - —
tanks, W. Coast, f.o.b. Minnequa, Colo..gal. .25 - —
1° nitration, dms., returnable, gal. .31½- —
tanks, E. of Omaha, frt. alld., gal. .26½- —
tanks, W. Coast, f.o.b. Minnequa, Colo..gal. .26½- —
Tonga vine, F, bls.....lb. .65 - .70
root, bls.....lb. .65 - .70
Tonka beans, Angostura, cks..lb. 2.40 - 2.50
Brazilian, Surinam, cs.....lb. .80 - .90
Triacetin, dms.....lb. .26 - —
Triamyl borate, dms., l.c.l., works, lb. .27 - —
Triamylamine, dms., c.l., works, lb. .77 - —
l.c.l., works.....lb. .78 - .80
tanks .....lb. .75 - —
Tributylamine, dms., c.l., works, lb. .67 - —
l.c.l. .....lb. .68 - .70
tanks .....lb. .65 - —
Tributyl citrate, dms., l.c.l., dlvd..lb. .35 - —
Phosphate, dms., l.c.l., dlvd., lb. .42 - —
cns., works.....lb. .46 - .48
Trichlorethylene, dms., c.l., works, frt. alld., Zone 1..lb. .08 - —
l.c.l., same basis.....lb. .08¼- —
Zone 2, dms., c.l., works, frt. alld..lb. .08½- —
l.c.l., same basis.....lb. .09 - —
Zone 3, dms., c.l., works, frt. alld..lb. .09 - —
l.c.l., same basis.....lb. .09¼- —
Zone 4, dms., c.l., f.o.b. stock points..lb. .09 - —
l.c.l., same basis.....lb. .09¼- —

All prices on trichlorethylene are frt. alld. with the exception of Zone 4, in which case the prices indicated are based on f.o.b. L. A., Cal.; S. F., Cal.; Portland, Ore., and Seattle, Wash. Zone 1 includes the following states:—Conn., Md., N. Y., Va., Ky., Me., N. J., Vt., W. Va., Mo., Tenn., Ind., Ia., Pa., R. I., Ill., Mich., Minn., Wis., Del., Mass., N. C., O., Omaha, Neb.; Kansas City, Kansas. Zone 2 includes Ala., Kan., except Kansas City; N. D. Ga., Neb., except Omaha; S. D., Miss., Ark., S. C., La., Okla. and Fla. Zone 3 includes Colo., N. M., Wyo., Texas and Eastern Montana. Zone 4 includes Arizona, Western Montana, Idaho, Ore., Nev. Wash., Utah and Cal.

Tricresyl phosphate, CP, cns., dlvd..lb. .40½- .51½
dms., c.l., dlvd.....lb. .34½- —
tech., dms., c.l.....lb. .22 - —
500 lbs., dms.....lb. .22½- —
less than 500 lbs.....lb. .25½- .36½
Triethanolamine, dms., c.l., works, lb. .19 - —
l.c.l., works.....lb. .20 - —
tanks, works.....lb. .18 - —
Triethylamine, dms., l.c.l., works, lb. 1.05 - —
Triethyl phosphate, dms., dlvd., lb. .45 - —
Triethyleneglycol, dms., l.c.l., works..lb. .26 - —
Trimethyl phosphate, cns.....lb. .54 - .56
dms., dlvd.....lb. .50 - —
Trimethylamine, dms., c.l., dlvd., lb. 1.00 - —
l.c.l., dlvd.....lb. 1.05 - —
Triphenyl phosphate, dms.....lb. .38 - —
Tripoli, air-floated, bgs., c.l., works..ton.26.00 - —
double grd., bgs., c.l., works, ton.16.00 - —
once-grd., bgs., c.l., works.ton.14.50 - —
Trisodium phosphate (see Soda phosphate, tribasic).
Tungsten metal, powd., 99%, dms., works..lb. No prices
Oxide, CP, kgs.....lb. No prices
Chem., grade, kgs.....lb. No prices
Turmeric root, Alleppey, bgs..lb. No stocks
powdered, bgs.....lb. .18 - .18½
Madras, bgs.....lb. No stocks
Turpentine, spirits, gum, bbls., c.l., ex dock..gal. .36½- —
l.c.l., 10 ex dock.....gal. .38½- —
5 ex dock.....gal. .40½- —
Turpentine, wood dest., dist., dms., dlvd. E. cities, ports..gal. .29 - .31
tanks, dlvd. E. cities....gal. .25 - —
steam-dist., dms., c.l., dlvd.gal. .31 - —
l.c.l., dlvd.....gal. .34 - —
tanks, dlvd.....gal. .26 - —

U

Unicorn root, false (see Helonias root).
True (see Aletris root).
Uranium oxide, black, kgs.....lb. 3.05 - —
yellow, kgs.....lb. 2.00 - —
Urea, dom., 46% N., bgs., 20 tons, f.o.b. Belle, W. Va., Searsport, Me., Norfolk, Wilmington, N.C., Charleston, Savannah, Jacksonville, Tampa, Pensacola, Mobile, Gulfport, New Orleans..ton.85.00 - —
5 tons f.o.b. Baltimore, Boston, New York, Newark, Philadelphia, Wilmington, Del..ton.85.00 - —
less than 5 tons, f.o.b. Newark, New York, Philadelphia..ton.91.00 - —
any quantity, f.o.b. Belle, W. Va..ton.85.00 - —
Import, 46% N., bgs., 5 tons, f.o.b. Atl., Gulf ports or Belle, W. Va., shipt..ton.95.00 - —
46% N., bgs., smaller lots, f.o.b. N. Y. from whse., ton.101.00 - —
purt., cs.....lb. .13 - —
Urea-ammonia liquor, nitrogen basis, tanks, f.o.b. Belle, W. Va., or Atl., Gulf ports, ton.121.58 - —
Urea nitrogen, dom., 42% N, bulk, Jan. shipt., f.o.b. Belle, W. Va..ton.57.40 - —
Urea, nitrogen, imported, 40% N, bgs., Jan. shipt..ton.56.25 - —
30% N, bgs., Jan. shipt., ton.42.55 - —
Uva ursi leaves, bls.....lb. .11 - .12

V

Valerian root, bls.....lb. .40 - .45
Valonia, beards, bgs., f.a.s..ton.47.00 - —
Cups, bgs., shipt., f.a.s..ton.35.00 -37.00
extract, powdered, 63%.....lb. .0565 Nom.
Vanilla beans, Bourbon, tins..lb. 5.75 - 6.25
Mexican, tins.....lb. 6.00 - 6.50
cuts, tins.....lb. 5.50 - 6.00
South American, tins.....lb. No prices
oleoresin, bots.....lb.18.00 -19.00
Vanillin, ex eugenol, 25-lb. tins, lb. 2.60 - —
5-lb. tins.....lb. 2.65 - —
1-lb. tins.....lb. 2.75 - —
ex guaiacol, 25-lb, tins.....lb. 2.50 - —
5-lb. tins.....lb. 2.55 - —
1-lb. tins.....lb. 2.65 - —
ex lignin, 25-lb. tins.....lb. 2.50 - —
5-lb. tins.....lb. 2.55 - —
1-lb. tins.....lb. 2.65 - —
Venice turpentine, true, cs.....lb. .70 - .75
Verdigris, bbls., kgs.....lb. .22 - .23
Vinyl acetate, cns., works....lb. .25 - —
dms., c.l., 30,000 lbs. gross, works..lb. .14 - —
l.c.l., works.....lb. .15 - —
5 gals., dms., works.....lb. .25 - —
Violet, methyl, toner (see M).
V.M.P. naphtha (see petroleum naphtha, v.m.p.).

W

Wahoo bark, bls.....lb. .45 - .46
tree .....lb. .19 - .22
Wattle bark, bgs., f.a.s.....ton.36.50 -37.75
Extract, solid, bgs.....lb. .04¼- —
Wax, bayberry, import, bgs...lb. .25 - .30
Bees, white, bleach, slabs, cs., 5 case lots..lb. .38 - —
1 cs. lots.....lb. .38½- —
cakes, 5 cs., lots.....lb. .39 - —
1 cs., lots.....lb. .39½- —
discs, 5 cns., lots.....lb. .40 - —
1 cs., lots.....lb. .40½- —
Yellow, crude, Africa, 10-bg. lots..lb. .26 - .26½
1 bg.....lb. .26½- .27
Brazil, bgs., 5-10 lots..lb. .26 - .26½
1 ton.....lb. .26½- .27
500 lbs.....lb. .27 - .27½
100 lbs.....lb. .27½- .28
refd., slabs, cs., lbs.....lb. .31 - .36
Candelilla, bgs., 1 ton.....lb. .18 - .18½
jobbing lots.....lb. .18½- .19
Carnauba, No. 3 chalky, bgs., 1 ton. .51½- .52
5 bgs.....lb. .52 - .52½
1 bg.....lb. .52½- .53
N. C., 2 bgs., 1 ton.....lb. .56 - .57
N. C., 3 bgs., 1 ton.....lb. .53 - .53½
5 bgs.....lb. .53½- .54
1 bg.....lb. .54 - .54½
refined, bgs.....lb. .57 - .58
yellow, No. 1, bgs, 1 ton...lb. .75 - .76
5 bgs.....lb. .75½- .76½
1 bg.....lb. .76 - .77
No. 2, bgs.....lb. .73 - .74
Ceresin, dom., 138°, 140° m.p., bgs., 1 ton..lb. .11½- .12
jobbing lots.....lb. .12½- .13
150°-160° m.p., bgs., 1 ton..lb. .13½- .14
jobbing lots.....lb. .14½- .15
160° m.p., bgs., 1-ton.....lb. .13½- .14
jobbing lots.....lb. .14½- .15
Japan, cs.....lb. .15½- .16
Montan, bgs., c.l.....lb. No prices
5 tons.....lb. No prices
less than 1 ton.....lb. No prices
Ozokerite, hard, green, congeal, p. 66°-68° C., bgs..lb. No prices
70°-72° C., bgs.....lb. No prices
74°-76° C., bgs.....lb. No prices
Snow-white, pure 76°-78° C., bgs..lb. No prices
yellow, natural, 76°-78° C., bgs..lb. No prices
Paraffin (see P.).
Spermaceti, blocks, cs.....lb. .23 - .24
cakes, cs.....lb. .24 - .25
White lead (see Lead, white).
White pine bark, rossed, bls..lb. .07 - .08
White precipitate, powd., dms., 50 lbs. or more..lb. 2.54 - —
Whiting, chalk, com'l., dry-grd., bip. bgs., c.l., works..ton.16.00 -20.00
l.c.l., works.....ton.18.00 -22.00
bbls., c.l., work.....ton.19.00 -24.00
l.c.l., works.....ton.21.00 -26.00
pap. bgs., c.l., works....ton.15.00 -18.00
l.c.l., works.....ton.17.00 -20.00
wet.-grnd., bip., bgs., c.l., works..ton.18.50 -22.50
l.c.l., works.....ton.19.00 -23.00
bbls., c.l., works.....ton.21.00 -25.00
gilder's bolted, bip., bgs., c.l., works..ton.18.00 - —
l.c.l., works.....ton.19.00 - —
Whiting, bolted, gilder's, bbls., c.l., works..ton.20.00 -21.50
l.c.l., works.....ton.21.00 -22.00
pap. bgs., c.l., works..ton.17.00 -18.50
l.c.l., works.....ton.18.00 -19.00
Paris white, bip., bgs., c.l., works..ton.19.00 - —
l.c.l., works.....ton.20.00 - —
bbls., c.l., works.....ton.22.50 -27.50
l.c.l., works.....ton.22.00 -28.00
pap. bgs., c.l., works..ton.19.60 -25.10
l.c.l., works.....ton.20.00 -26.50
Limestone, air floated, 99.75%, 250 mesh, paper bgs., c.l. ton. 9.65 - —
200 mesh, paper bgs., c.l., same basis..ton. 8.60 - —
90%, 200 mesh, paper bgs., c.l., same basis..ton. 6.25 - —
Gilders, bgs. (extra), c.l., works..ton.11.50 - —
l.c.l., 8-20 tons, works..ton.12.50 - —
4-8 tons, works.....ton.13.50 - —
2-4 tons, works.....ton.14.50 - —
extra bgs. (extra), c.l., works, ton.12.50 - —
extra, bgs., l.c.l., 8-20 tons, works..ton.13.50 - —
4-8 tons, works.....ton.14.50 - —
2-4 tons works.....ton.15.50 - —
putty grade, bgs. (extra), c.l., works..ton.11.00 - —
l.c.l., 8-20 tons, works.ton.12.00 - —
4-8 tons, works.....ton.13.00 - —
2-4 tons, works.....ton.14.00 - —
water-floated, bgs. (extra), c.l., works..ton.11.50 - —
l.c.l., 8-20 tons, works.ton.12.50 - —
4-8 tons, works.....ton.13.50 - —
2-4 tons, works.....ton.14.50 - —
precipitated, bgs., c.l., works, ton.15.00 - —
l.c.l., 5 tons, works....ton.20.00 - —
smaller lots, works...ton.25.00 - —
Wild cherry bark, thick, natural, bls..lb. .07 - .08
rossed, bls.....lb. .05 - .06
thin, natural, bls.....lb. .07 - .08
rossed, green, bls.....lb. .10 - .11
Wild indigo root, bgs.....lb. .13 - .14
Witch-hazel extract, dist., NF, bbls..gal. .40 - .45
leaves, bls.....lb. .07 - .09
Witherite (see Barium carbonate, natural).
Woodflour, dom., fine, bgs., extra, c.l., works..ton.25.00 - —
standard, bgs., c.l., works, ton.20.00 - —
import, 70 mesh, bgs., ex dock, ton. No prices
80 mesh, bgs., ex dock....ton. No prices.
100 mesh, bgs., ex dock...ton. No prices.
120 mesh, bgs., ex dock...ton. No prices.
Wormseed, American, bgs.....lb. .07 - .08
Levant, bgs.....lb. 5.00 - 6.00
Wormwood, bls.....lb. .18 - .20

X

Xylol (xylene), indus., dms., returnable, works..gal. .32 - —
tanks, E. of Omaha, frt. alld., gal. .27 - —
tanks, W. Coast, f.o.b. Minnequa, Colo..gal. .27 - —
10°, dms., returnable,works.gal. .35 - —
tanks, E. of Omaha, frt .alld. gal. .30 - —
5°, dms., returnable, works, gal. .42 - —
tanks, E. of Omaha, frt. alld..gal. .40 - —
3°, dms., returnable, works..gal. .47 - —
tanks, E. of Omaha, frt. alld..gal. .45 - —
Xylidin, mixed, dms.....lb. .35 - .36

Y

Yara yara, cryst., cns.....lb. 1.25 - 1.55
Yellow, arsenic sulphide, dom., bbls., f.o.b. New York..lb. .55 - —
bottles, same basis.....lb. .60 - .64
imp., bbl., same basis....lb. .55 - —
Cadmium, CP, import., bxs.. lb. 1.35 - 1.70
lithopone, all shades, bbls., 1 ton, works, frt. alld..lb. .50 - —
smaller lots, same basis..lb. .55 - —
kgs., ton lots, same basis, lb. .56 - —
smaller lots, same basis, lb. .60 - —
Sulphide, orange, bbls., works, lb. .75 - —
Chrome, CP, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. R., including Davenport, Minneapolis, Rock Island, St. Louis, St. Paul, contracts.....lb. .13½- —
open order.....lb. .14½- —

Chrome yellow CP prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex., (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.). Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.

Dutch, pink, bbls.....lb. .09 - .11
Hansa, bbls., same basis, chrome..lb. 1.37 - —
primrose shade, bbls., same basis, chrome..lb. 1.75 - —
Mercury oxide (see M).
Ocher, Amer., golden, A, bbls., works..lb. .06¼- —
B, bbls., works.....lb. .04½- —
C, bbls., works.....lb. .05¾- —
yellow, A, bbls., works...lb. .02½- —
B, bbls., works.....lb. .02½- —
C, bbls., works.....lb. .02 - —
D, bbls., works.....lb. .0195- —
E, bbls., works.....lb. .01775- —
F, bbls., works.....lb. .01½- —
yellow, G, bbls., works...lb. .01½- —
H, bbls., works.....lb. .01⅝- —
French, all shades, cks., c.l., ex dock Balto., Boston, N. Orleans, for import, lb. .02475 Nom.
New York (f.o.b.)..lb. .02½ Nom.
Philadelphia for import..lb. .02¾ Nom.
ex dock.. San Pedro, San Francisco..lb. .0290 Nom.
l.c.l., ex dock, Balto, Boston, N. Orleans..lb. .02575 Nom.
New York.....lb. .02¾ Nom.
Phila., for import...lb. .02¾ Nom.
Portland, Seattle....lb. .03½ Nom.
San Pedro, S. Francisco..lb. .03 Nom.
ex whse., Balto., Boston, N. Orleans..lb. .02725 Nom

—Continued on page 61

Synthetic Resins and other Branded Paint Materials

(Manufacturers' List Prices)

A

Abalyn dms., lots of 10, works. lb. .10 - —
single dms., works.....lb. .12 - —
5-gal. cans, works.....lb. .17 - —
Aroclors, distilled, dms., c.l., works..lb. .23 - —
ton lots, works.....lb. .25 - —
single dms., works.....lb. .27 - —
undistilled, dms., c.l., works, lb. .18 - —
ton lots, works.....lb. .20 - —
single dms., works.....lb. .22 - —

B

Bakelite, alkyd resins, BR, 10025, bbls., 30,000 lbs., works, lb. .32 - —
15,000 lbs., works.....lb. .33 - —
5,000 lbs., works.....lb. .34 - —
XR, 10024, bbls., 30,000 lbs., works..lb. .45 - —
15,000 lbs., works.....lb. .46 - —
5,000 lbs., works.....lb. .47 - —
3962, bbls., 30,000 lbs., works..lb. .2400- —
15,000 lbs., works.....lb. .2540- —
5,000 lbs., works.....lb. .2590- —
XK, 6791, dms., 30,000 lbs., works..lb. .2540- —
15,000 lbs., works.....lb. .2590- —
5,000 lbs., works.....lb. .2640- —
11545, dms., 30,000 lbs, works. lb. .3050- —
15,000 lbs., works.....lb. .3150- —
5,000 lbs., works.....lb. .3250- —
12788, dms., 30,000 lbs., works, lbs. .3860- —
15,000 lbs., works.....lb. .3960- —
5,000 lbs., works.....lb. .4060- —
lacquer, BR, 2342, dms., 30,000 lbs., works..lb. .27 - —
15,000 lbs., works.....lb. .28 - —
5,000 lbs., works.....lb. .29 - —
XJ, 10433, dms., 30,000 lbs., works..lb. .37 - —
15,000 lbs., works.....lb. .38 - —
5,000 lbs., works.....lb. .39 - —
XK, 6791, dms., 30,000 lbs., works..lb. .45 - —
15,000 lbs., works.....lb. .46 - —
5,000 lbs., works.....lb. .47 - —
4357, dms., 30,000 lbs., works..lb. .45 - —
15,000 lbs., works.....lb. .46 - —
5,000 lbs., works.....lb. .47 - —
9366, dms., 30,000 lbs., works..lb. .18½- —
15,000 lbs., works.....lb. .19 - —
5,000 lbs., works.....lb. .19½- —
phenolic, 100%, BR, 254, bbls., 30,000 lbs., works..lb. .45 - —
15,000 lbs., works.....lb. .46 - —
5,000 lbs., works.....lb. .47 - —
1329, bbls., 30,000 lbs., works..lb. .25 - —
15,000 lbs., works.....lb. .26 - —
5,000 lbs., works.....lb. .27 - —
2987, bbls., 30,000 lbs., works..lb. .26 - —
15,000 lbs., works.....lb. .27 - —
5,000 lbs., works.....lb. .28 - —
3360, bbls., 30,000 lbs., works..lb. .36 - —
15,000 lbs., works.....lb. .37 - —
5,000 lbs., works.....lb. .38 - —
4036, bbls., 30,000 lbs., works..lb. .37 - —
15,000 lbs., works.....lb. .38 - —
5,000 lbs., works.....lb. .39 - —
6882, bbls., 30,000 lbs., works..lb. .42 - —
15,000 lbs., works.....lb. .43 - —
5,000 lbs., works.....lb. .44 - —
8900, bbls., 30,000 lbs., works..lb. .41 - —
15,000 lbs., works.....lb. .42 - —
5,000 lbs., works.....lb. .43 - —
9476, bbls., 30,000 lbs., 9482, bbls., 30,000 lbs., works..lb. .29 - —
15,000 lbs., works.....lb. .30 - —
5,000 lbs., works.....lb. .31 - —
15,000 lbs., works..lb. .24 - —
15,000 lbs., works.....lb. .24½- —
5,000 lbs., works.....lb. .25 - —
12784, bbls., 30,000 lbs. works..lb. .30 - —
15,000 lbs., works.....lb. .31 - —
5,000 lbs., works.....lb. .32 - —
13468, bbls., 30,000 lbs., works..lb. .19¾- —
15,000 lbs., works.....lb. .20¼- —
5,000 lbs., works.....lb. .20¾- —
XR, 9517, bbls., 30,000 lbs., works..lb. .29 - —
15,000 lbs., works.....lb. .30 - —
5,000 lbs., works.....lb. .31 - —
10282, bbls., 30,000 lbs., works..lb. .34 - —
15,000 lbs., works.....lb. .35 - —
5,000 lbs., works.....lb. .36 - —
drums, works.....lb. .37 - —
modified, BR, 302, bbls., 30,000 lbs., works..lb. .2870- —
15,000 lbs., works.....lb. .2970- —
5,000 lbs., works.....lb. .3070- —
2072, bbls., 30,000 lbs., works..lb. .23 - —
15,000 lbs., works.....lb. .23½- —
5,000 lbs., works.....lb. .24 - —
2175, cns., 30,000 lbs., works..lb. .2810- —
15,000 lbs., works.....lb. .2910- —
5,000 lbs., works.....lb. .3010- —
2963, bbls., 30,000 lbs., works..lb. .24 - —
15,000 lbs., works.....lb. .24½- —
5,000 lbs., works.....lb. .25 - —
11504, bbls., 30,000 lbs., works..lb. .18 - —
15,000 lbs., works.....lb. .18½- —
5,000 lbs., works.....lb. .19 - —
XR, 11544, bbls., 30,000 lbs., works..lb. .18 - —
15,000 lbs., works.....lb. .18½- —
5,000 lbs., works.....lb. .19 - —
Bakelite XR, solutions, XJ, 180, dms., 30,000 lbs., works..lb. .1970- —
15,000 lbs., works.....lb. .2020- —
5,000 lbs., works.....lb. .2070- —
2681, dms., 30,000 lbs., works..lb. .2520- —
15,000 lbs., works.....lb. .2570- —
5,000 lbs., works.....lb. .2620- —
6000, dms., 30,000 lbs., works, lb. .2970- —
15,000 lbs., works.....lb. .3070- —
5,000 lbs., works.....lb. .3170- —

It's New • and It's Different

GLYPTAL 2475

WHAT IS GLYPTAL 2475?
—a new outstanding development in straight drying oil alkyd type resins

PRICE? — *low*

QUALITY? — *high*

VERSATILE? — *extremely so*

HOW ABOUT WHITES? — *it's great for whites*

DRYING? — *fast*

WHAT ELSE?
— good color retention
— good initial gloss and flow

ESPECIALLY GOOD FOR?

- architectural finishes
- marine finishes
- flat whites
- metal primers
- roll coating finishes
- truck finishes
- pump enamels
- store front finishes
- traffic zone paints
- radiator paints
- trim and trellis coatings

FOR MORE INFORMATION?

Section M-0524, Appliance & Merchandise Department, General Electric Company, Bridgeport, Conn.

GENERAL ELECTRIC

Beckacite-Hydrogum

Beckacite, modified phenolic, 1100, dms., 1-9, frt. pd..lb. .14½- —
1101, dms., 1-9, frt. pd.....lb. .13 - —
1102, dms., 1-9, frt. pd.....lb. .12½- —
1106, dms., 1-9, frt. pd.....lb. .14 - —
1107, dms., 1-9, frt. pd.....lb. .13 - —
1108, dms., 1-9, frt. pd.....lb. .11 - —
1112, dms., 1-9, frt. pd.....lb. .14½- —
1113, dms., 1-9, frt. pd.....lb. .12 - —
1116, dms., 1-9, frt. pd.....lb. .14½- —
P-146, dms., 1-9, frt. pd....lb. .11½- —
P-147, dms., 1-9, frt. pd....lb. .12 - —
1121, dms., 1-9, frt. pd.....lb. .17½- —
1122, dms., 1-9, frt. pd.....lb. .14½- —
1123, dms., 1-9, frt. pd.....lb. .14½- —
nonphenolic, 1110, dms., 1-9, frt. pd..lb. .12¾- —
1111, dms., 1-9, frt. pd.....lb. .13 - —
1114, dms., 1-9, frt. pd.....lb. .12½- —
1120, dms., 1-9, frt. pd.....lb. .13 - —

Beckacite prices in lots of 10 dms. or more are ½c. per lb. less than above; in carloads, 1c. per lb. less. These prices apply in N. E. and Mid-Atl. States, Ill., Ind., Ky., Mich., Minn., N. C., Ohio, Va., W. Va., Wis., and St. Louis, Mo.; add ¾c. per lb. on less than carloads and ½c. per lb. on carloads to Ark., Iowa, Kan., Mo. (except St. Louis), Neb., N. D., Okla., S. D., all South. States, and Dallas and Houston, Tex.; for Calif. add ¾c. per lb. on less than carloads and ½c. per lb. on carloads of regular items covered by contract, on items not shown in this list and items not covered by contract which must be shipped direct from Detroit, Mich., or Elizabeth, N. J., add 2c. per lb. on less than carloads and 1c. per lb. on carloads; carload prices listed above apply on shipments by water from Elizabeth, N. J., ex dock at Los Angeles, San Francisco, or Seattle; add 2c. per lb. on less than carloads and 1c. per lb. on carloads to Tex. (except Dallas and Houston) and all other points in the U. S. not mentioned in the foregoing.

Beckamine, 3440, ex. lt., dms., 1-9, frt. pd..lb. .22½- —
P-2, dms., 1-9, frt. pd.....lb. .12 - —
P-138, dms., 1-9, frt. pd.....lb. .21½- —
P-196, dms., 1-9, frt. pd.....lb. .24 - —
P-198, dms., 1-9, frt. pd.....lb. .36 - —

Beckamine prices in lots of 10 dms. or more are ½c. per lb. less than above; in carloads, 1c. per lb. less; subject to same geographical differentials as Beckacite.

Beckolin, No. 17, dark, dms., 1-9, frt. pd..lb. .16½- —
No. 27, light, dms., 1-9, frt. pd., lb. .18½- —

Beckolin prices in lots of 10 dms. or more are ½c. per lb. less than above; in carloads, 1c. per lb. less; subject to same geographical differentials as Beckacite.

Beckopol, 1400, dms., 1-9, frt. pd..lb. .17½- —

Beckopol prices in lots of 10 dms. or more are ½c. per lb. less than above; in carloads, 1c. per lb. less; subject to same geographical differentials as Beckacite.

Beckosol, emulsion, 1500, dms, 1-9, frt. pd..lb. .11½- —
1501, dms., 1-9, frt. pd.....lb. .12½- —
Solid, 1, dms., 1-9, frt. pd...lb. .27 - —
3, dms., 1-9, frt. pd.....lb. .23 - —
7, dms., 1-9, frt. pd.....lb. .23 - —
13, dms., 1-9, frt. pd.....lb. .23 - —
18, dms., 1-9, frt. pd.....lb. .23 - —
19, dms., 1-9, frt. pd.....lb. .28 - —
24, dms., 1-9, frt. pd.....lb. .31 - —
31, dms., 1-9, frt. pd.....lb. .23 - —
32, dms., 1-9, frt. pd.....lb. .22 - —
40, dms., 1-9, frt. pl.....lb. .19 - —
Solution, nonphenolic, 1309, dms., 1-9, frt. pd..lb. .18½- —
1319, dms., 1-9, frt. pd..lb. .19½- —
1321, dms., 1-9, frt. pd..lb. .17½- —
1940, dms., 1-9, frt. pd..lb. .09½- —
phenol modified, 1303, dms., 1-9, frt. pd..lb. .13½- —
1304, dms., 1-9, frt. pd..lb. .13½- —
1320, dms., 1-9, frt. pd..lb. .14 - —
1325, dms., 1-9, frt. pd..lb. .13 - —
1328, dms., 1-9, frt. pd..lb. .12 - —
1329, dms., 1-9, frt. pd..lb. .12 - —
phenol modified and oil extended, 1, dms., 1-9, frt. pd..lb. .14½- —
2, dms., 1-9, frt. pd.....lb. .14 - —
1316, dms., 1-9, frt. pd..lb. .15½- —
1326, dms., 1-9, frt. pd..lb. .15 - —
Phenol, pure, alkyd, 1306, dms., 1-9, frt. pd..lb. .12½- —
1307, ex. lt., dms., 1-9, frt. pd..lb. .14½- —
light, dms., 1-9, frt. pd.lb. .13½- —
1308, dms., 1-9, frt. pd..lb. .14½- —
1313, ex. lt., dms., 1-9, frt. pd..lb. .13½- —
light, dms., 1-9, frt. pd.lb. .12½- —
1318, dms., 1-9, frt. pd..lb. .17½- —
1323, ex. lt., dms., 1-9, frt. pd..lb. .14½- —
light, dms., 1-9, frt. pd.lb. .13½- —
1324, dms., 1-9, frt. pd..lb. .25½- —
1331, dms., 1-9, frt. pd..lb. .12½- —
1332, dms., 1-9, frt. pd..lb. .12 - —
1333, dms., 1-9, frt. pd..lb. .15½- —
1334, dms., 1-9, frt. pd..lb. .13½- —
P-7, dms., 1-9, frt. pd..lb. .14½- —
Beckosol, phenol, pure alkyd., P-48, dms., 1-9 frt, pd..lb. .12½- —
P-94, dms., 1-9, frt. pd...lb. .16½- —

Beckosol, solid, prices in lots of 10 dms. or more are ¾c. per lb. less than above; in carloads, 1½c. per lb. less; prices of other Beckosols are ¼c. per lb. less in lots of 10 dms. or more, 1c. per lb. less in carloads; all are subject to the same geographical differentials as Beckacite.

C

Cumar, AX, dms., works.....lb. .06 - —
BX, dms., works.....lb. .06 - —
CX, dms., gross weight, works, lb. .05 - —
DX, dms., gross weight, works, lb. .04½- —
EX, dms., gross weight, works, lb. .04½- —
FX, dms., gross weight, works, lb. .05 - —
HDX, dms., gross weight, works..lb. .05¼- —
MH, col. 1, dms., works.....lb. .11 - —
1½-2, dms., works.....lb. .10 - —
2½ and darker, dms., works lb. .09 - —
9, dms., works.....lb. .06½- —
MS, dms., works.....lb. .10 - —
P, 10°-90° C., col. 8 and darker, dms., works..lb. .10½- —
RH, dms., works.....lb. .10 - —
RS, dms., works.....lb. .10 - —
special soft, dms., works...lb. .10 - —
V, col. ½, dms., works.....lb. .12 - —
1, dms., works.....lb. .11 - —
1½-2, dms., works.....lb. .10 - —
2½ and darker, dms., works. lb. .09 - —
Cumar, W, col., ½, dms., works.. lb. .13 - —
1, dms., works.....lb. .12 - —
1½-2, dms., works.....lb. .11 - —
2½ and darker, dms., works. lb. .10 - —

Cumar prices include frt. equald., with Pittsburgh; prices on contracts terminating Dec., 1940, are ¼c. per pound lower.

D

Cyrene resin, LX-228, 90-110 C, col. 3-3½, dms..lb. .45 - —
LX-229, 125-140 C, col. 3-4, dms..lb. .35 - —
LX-230, 125-140 C, col. 2-3, dms..lb. 1.10 - —
LX-231, 145-160 C, col. 2-3, dms..lb. .90 - —

Prices are 5c. per lb. additional for less than full drum shipments and are f.o.b. Neville Island, Pa.

Durite, 1,301 pale, one drum and over..lb. .25 - —
smaller lots.....lb. .26 - —
1,321, c.l.....lb. .40 - —
2,000 lbs. to c.l.....lb. .41 - —
smaller lots.....lb. .42 - —

All Durite prices are f.o.b. Phila., Pa., with freight allowed east of Rocky Mts.

E

Esterol, solid, Grade A, c.l., dlvd. lb. .22 - —
10 dms. or more, dlvd....lb. .22¾- —
9 dms. or less, dlvd....lb. .23½- —
B, c.l., dlvd.....lb. .21½- —
10 dms. or more, dlvd....lb. .22¼- —
9 dms. or less, dlvd....lb. .23 - —
D, c.l., dlvd.....lb. .21½- —
10 dms. or more, dlvd....lb. .22¼- —
9 dms. or less, dlvd....lb. .23 - —
H-1, c.l., dlvd.....lb. .22 - —
10 dms. or more, dlvd....lb. .22¾- —
9 dms. or less, dlvd....lb. .23½- —
PV, c.l., dlvd.....lb. .21½- —
10 dms. or more, dlvd....lb. .22¼- —
9 dms. or less, dlvd....lb. .23 - —
1-L, c.l., dlvd.....lb. .22 - —
10 dms. or more, dlvd....lb. .22¾- —
9 dms. or less, dlvd....lb. .23½- —
575, c.l., dlvd.....lb. .23 - —
10 dms. or more, dlvd....lb. .23¾- —
9 dms. or less, dlvd....lb. .24½- —
701, c.l., dlvd.....lb. .22 - —
10 dms. or more, dlvd....lb. .22¾- —
9 dms. or less, dlvd....lb. .23½- —
750, c.l., dlvd.....lb. .21 - —
10 dms. or more, dlvd....lb. .21¾- —
9 dms. or less, dlvd....lb. .22½- —
809, c.l., dlvd.....lb. .22 - —
10 dms. or more, dlvd....lb. .22¾- —
9 dms. or less, dlvd....lb. .23½- —
830, c.l., dlvd.....lb. .22½- —
10 dms. or more, dlvd....lb. .23¼- —
9 dms. or less, dlvd....lb. .24 - —
Solution, Grade A, c.l., dlvd..lb. .13 - —
10 dms. or more, dlvd....lb. .13½- —
9 dms. or less, dlvd.....lb. .14 - —
B, c.l., dlvd.....lb. .11¾- —
10 dms. or more, dlvd....lb. .12¼- —
9 dms. or less, dlvd....lb. .12¾- —
D, c.l., dlvd.....lb. .11¾- —
10 dms. or more, dlvd....lb. .12¼- —
9 dms. or less, dlvd....lb. .12¾- —
E, c.l., dlvd.....lb. .14 - —
10 dms. or more, dlvd....lb. .14½- —
9 dms. or less, dlvd....lb. .15 - —
H-1, c.l., dlvd.....lb. .15 - —
10 dms. or more, dlvd....lb. .15½- —
9 dms. or less, dlvd....lb. .16 - —
PV, c.l., dlvd.....lb. .13½- —
10 dms. or more, dlvd....lb. .14 - —
9 dms. or less, dlvd....lb. .14½- —
1-L, c.l., dlvd.....lb. .13 - —
10 dms. or more, dlvd....lb. .13½- —
9 dms. or less, dlvd....lb. .14 - —
562, c.l., dlvd.....lb. .13 - —
10 dms. or more, dlvd....lb. .13½- —
9 dms. or less, dlvd....lb. .14 - —
575, c.l., dlvd.....lb. .13 - —
10 dms. or more, dlvd....lb. .13½- —
9 dms. or less, dlvd....lb. .14 - —
640-N, c.l., dlvd.....lb. .12 - —
10 dms. or more, dlvd....lb. .12½- —
9 dms. or less, dlvd....lb. .13 - —
660-N, c.l., dlvd.....lb. .10½- —
10 dms. or more, dlvd....lb. .11 - —
9 dms. or less, dlvd....lb. .11½- —
701, c.l., dlvd.....lb. .12 - —
10 dms. or more, dlvd....lb. .12½- —
9 dms. or less, dlvd....lb. .13 - —
747, c.l., dlvd.....lb. .11¼- —
10 dms. or more, dlvd....lb. .11¾- —
9 dms. or less, dlvd....lb. .12¼- —
750, c.l., dlvd.....lb. .13½- —
10 dms. or more, dlvd....lb. .14 - —
9 dms. or less, dlvd....lb. .14½- —
809, c.l., dlvd.....lb. .12 - —
10 dms. or more, dlvd....lb. .12½- —
9 dms. or less, dlvd....lb. .13 - —
830, c.l., dlvd.....lb. .13½- —
10 dms. or more, dlvd....lb. .14 - —
9 dms. or less, dlvd....lb. .14½- —
1800, c.l., dlvd.....lb. .12¼- —
10 dms. or more, dlvd....lb. .12¾- —
9 dms. or less, dlvd....lb. .13¼- —
1825, c.l., dlvd.....lb. .14 - —
10 dms. or more, dlvd....lb. .14½- —
9 dms. or less, dlvd....lb. .15 - —
2185, c.l., dlvd.....lb. .10½- —
10 dms. or more, dlvd....lb. .11 - —
9 dms. or less, dlvd....lb. .11½- —
2195, c.l., dlvd.....lb. .13½- —
10 dms. or more, dlvd....lb. .14 - —
9 dms. or less, dlvd....lb. .14½- —
2623, c.l., dlvd.....lb. .11½- —
10 dms. or more, dlvd....lb. .12 - —
9 dms. or less, dlvd....lb. .12½- —
2690, c.l., dlvd.....lb. .15 - —
10 dms. or more, dlvd....lb. .15½- —
9 dms. or less, dlvd....lb. .16 - —

Esterol resin prices listed above prevail only for delivery to Me., N. H., Vt., Mass., R. I., Conn., Ill., N. Y., N. J., Pa., Del., Md., Va., W. Va., N. C., Ky., Ohio, Mich., Ind. St. Louis, Mo., Wis., and Montreal and Toronto, Can. Add ¼c. per lb. to quoted prices for delivery to Ala., Ark., Fla., Ga., Iowa, Kan., La., Minn., Mo. (except St. Louis), Miss., Neb., N. D., Okla., S. C., S. D., Tenn. and Dallas and Houston, Tex. Add ¾c. per pound for delivery to Ariz., Colo., Idaho, Mont., Nev., N. M., Tex. (except Dallas and Houston), Utah, Wyo., and other points in the United States and Canada not listed above.

G

G, resin, dms., gross weight, works..lb. .07½- —

G resin prices on contracts terminating Dec., 1940, are ½c. per pound lower; Los Angeles and San Francisco ex warehouse, 3c. per pound extra.

Guai-a-phene, 10-gal. cns., works, gal. 2.57 - —
5-gal. cns., works.....gal. 2.62 - —
1-gal. cns., works.....gal. 2.82 - —
dms., works.....gal. 2.50 - —

H

Hercolyn, dms., lots of 10, works, lb. .15 - —
single dms., works.....lb. .17 - —
cns, works.....lb. .22 - —
Hydrogum, P-190, c.l., dms., frt. pd..lb. .14 - —
l.c.l., 10 dms., frt. pd.....lb. .14½- —
1-9 dms., frt. pd.....lb. .15 - —

Hydrogum prices are subject to the same geographical differentials as Beckacite.

K

Kadox (zinc oxide), black or red label, bgs., c.l., dlvd..lb. .06½- —
l.c.l., dlvd. E. of Rockies.lb. .06¾- —
Pac. coast, ex whse.....lb. .06¾- —
bbls., c.l., dlvd.....lb. .06¾- —
l.c.l., dlvd. E. of Rockies.lb. .07 - —
Pac. coast, ex whse.....lb. .07 - —
No. 25, bgs., c.l., dlvd.....lb. .07½- —
l.c.l., dlvd. E. of Rockies, lb. .07¾- —
Pac. coast, ex whse....lb. .07¾- —
bbls., c.l., dlvd.....lb. .07¾- —
l.c.l., dlvd. E. of Rockies, lb. .08 - —
Pac. coast, ex whse....lb. .08 - —
Katalised oil, 666, dms., c.l., frt. pd..lb. .23½- —
l.c.l., frt. pd.....lb. .23 - —

Katalised oil prices are subject to the same geographical differentials as Beckacite.

Kopol, 500, dms., 1-9, frt. pd..lb. .18½- —
501, dms., 1-9, frt. pd.....lb. .16½- —
502, dms., 1-9, frt. pd.....lb. .15 - —

Kopol prices in lots of 10 dms. or more are ½c. per lb. less than above; in carloads, 1c. per lb. less; subject to same geographical differentials as Beckacite.

R-C copal, cracked nut, dms., c.l., frt. pd..lb. .12 - —
l.c.l., frt. pd.....lb. .12½- —

R-C copal prices are subject to the same geographical differentials as Beckacite.

L

Lewisol resin, modified alkyd, No. 1, c.l., dlvd..lb. .11¼- —
l.c.l., 10 bbls. or 8 dms., dlvd..lb. .11¾- —
smaller quantities, dlvd.lb. .12¼- —
No. 2, c.l., dlvd.....lb. .12 - —
l.c.l., 10 bbls. or 8 dms., dlvd..lb. .12½- —
smaller quantities, dlvd.lb. .13 - —
No. 2L, c.l., dlvd.....lb. .12¼- —
l.c.l., 10 bbls. or 8 dms., dlvd..lb. .12¾- —
smaller quantities, dlvd.lb. .13¼- —
No. 3, c.l., dlvd.....lb. .16½- —
l.c.l., 10 dms., dlvd.....lb. .17½- —
1-9 dms., dlvd.....lb. .18½- —
No. 18, c.l., dlvd.....lb. .11 - —
l.c.l., 10 bbls. or 8 dms., dlvd..lb. .11½- —
smaller quantities, dlvd.lb. .12 - —
No. 24, c.l., dlvd.....lb. .12 - —
l.c.l., 10 bbls. or 8 dms., dlvd..lb. .12½- —
smaller quantities, dlvd.lb. .13 - —
No. 28, c.l., dlvd.....lb. .12 - —
l.c.l., 8 dms., dlvd.....lb. .12½- —
1-7 dms., dlvd.....lb. .13 - —
No. 33, c.l., dlvd.....lb. .12 - —
l.c.l., 8 dms., dlvd.....lb. .12½- —
1-7 dms., dlvd.....lb. .13 - —
Modified phenolics, No. 101, c.l., dlvd..lb. .17½- —
l.c.l., 8 dms., dlvd.....lb. .18 - —
1-7 dms., dlvd.....lb. .18½- —
No. 115, c.l., dlvd.....lb. .10½- —
l.c.l., 10 bbls. or 8 dms., dlvd..lb. .11 - —
smaller quantities, dlvd.lb. .11½- —
No. 120, c.l., dlvd.....lb. .12 - —
l.c.l., 10 bbls. or 8 dms., dlvd..lb. .12½- —
smaller quantities, dlvd.lb. .13 - —
No. 125, c.l., dlvd.....lb. .11 - —
l.c.l., 10 bbls. or 8 dms., dlvd..lb. .11½- —
smaller quantities, dlvd.lb. .12 - —
No. 150, c.l., dlvd.....lb. .13½- —
l.c.l., 10 bbls. or 8 dms., dlvd..lb. .14 - —
smaller quantities, dlvd.lb. .14½- —
No. 300, c.l., dlvd.....lb. .30 - —
l.c.l., 8 dms., dlvd.....lb. .30½- —
1-7 dms., dlvd.....lb. .31 - —
No. 305, c.l., dlvd.....lb. .11 - —
l.c.l., 8 dms., dlvd.....lb. .11½- —
1-7 dms., dlvd.....lb. .12 - —
No. 310, c.l., dlvd.....lb. .13½- —
l.c.l., 8 dms., dlvd.....lb. .14 - —
1-7 dms., dlvd.....lb. .14½- —
No. 320, c.l., dlvd.....lb. .13 - —
l.c.l., 8 dms., dlvd.....lb. .13½- —
1-7 dms., dlvd.....lb. .14 - —

N

Nevillac, pale, hard, dms., works, lb. .16 - —
hard, 85-95° C, dms., works..lb. .15 - —
soft, 65-75° C, dms., works..lb. .15 - —

Nevillac prices on contracts terminating Dec., 1940, are ¼c. per pound lower; Los Angeles and San Francisco ex whse., 3c. per pound extra.

Neville resin, R-1 nevindene, col. ½, dms., works..lb. .13 - —
R-3, nevindene, col. 1, dms., works..lb. .12 - —
R-5, nevindene, col. 1½-2, dms., works..lb. .11 - —
R-6, nevindene, col. 2½-3½, dms., works..lb. .10 - —
R-7, N.P.S., col. below 3, dms., works..lb. .12 - —
R-8, N.P.S., col. below 3, dms., works..lb. .12½- —
R-9, hard, col. ½, dms., works..lb. .12 - —
R-10, hard, col. 1, dms., works..lb. .11 - —
R-11, hard, col. 1½-2, dms., works..lb. .10 - —
R-12, hard, col. 2½-3½, dms., works..lb. .09 - —
R-13, medium, col. ½, dms., works..lb. .12 - —
R-14, medium, col. 1, dms., works..lb. .11 - —
R-15, medium, col. 1½-2 dms., works..lb. .10 - —
R-16, medium, col. 2½-4, dms., works..lb. .09 - —
R-16-A, medium, col. 7-10, dms., works..lb. .06½- —
R-17, medium soft, col. 3½-8, dms., works..lb. .10 - —
R-19, medium soft, col. 3½-8, dms., works..lb. .10 - —
R-21, soft, col. 3½-8, dms., works..lb. .10 - —
R-22, special, soft, col. 3½-8, dms., works..lb. .10 - —
R-27, medium soft, col. 1, dms., works..lb. .12½- —
R-28, medium soft, col. 1½-2, dms., works..lb. .11½- —
R-29, medium soft, col. 2½-8, dms., works..lb. .10½- —

Neville resin prices are freight equalized with Phila.; prices on contracts terminating Dec., 1940, are ¼c. per pound lower; Los Angeles and San Francisco ex whse., 3c. per pound extra.

Nevillite, "V," water-white, 100-lb. dms., works..lb. 1.25 - —
No. 1, water-white, 100-lb. dms., works..lb. .65 - —
No. 2, prime-white, 100-lb. dms., works..lb. .55 - —
No. 3, very light straw, 100-lb. dms., works..lb. .50 - —
No. 4, very light straw, 100-lb. dms., works..lb. .42 - —
oil, dms., works.....lb. 1.40 - —
465, 110-125°C., dms., gross weight, works..lb. .03 - —
Nevinol, dms., works.....lb. .13 - —
oil, heavy, rfd., dms., works, lb. .10 - —
Nuba, 1, 80-95°C., dms., gross weight, works..lb. .0265- —
2, 100-125°C., dms., gross weight, works..lb. .0265- —
3x, 135-150°C., dms., gross weight, works..lb. .04 - —

Nuba resin prices on contracts terminating December, 1940, are ¼c. per pound lower; Los Angeles and San Francisco ex whse., 3c. per pound extra.

Nuodex drier, cobalt, 6%, 400-lb. pkgs..lb. .26 - —
9% (printing ink), 100-lb. pkgs..lb. .36½- —
11½%, 100-lb. pkgs.....lb. .47½- —
cobalt acetate, 100-lb. pkgs., lb. .71 - —
iron, 6%, 400-lb. pkgs.....lb. .13½- —
11%, 100-lb. pkgs.....lb. .23 - —
lead, 24%, 450-lb. pkgs....lb. .12½- .13½
32%, 450-lb. pkgs.....lb. .16 - —
34%, 100-lb. pkgs.....lb. .16¾- —
40%, 100-lb. pkgs.....lb. .19¾- —
lead 30%, cobalt 3%, 150-lb. pkgs..lb. .27 - —
lead 30%, manganese 3%, 150-lb. pkgs..lb. .21 - —
manganese, 6%, 400-lb. pkgs., lb. .13 - .14
10½%, 100-lb. pkgs.....lb. .21¾- —
zinc, 8%, 400-lb. pkgs.....lb. .14 - —
10%, 500-lb. pkgs.....lb. .17 - —
14%, 100-lb. pkgs.....lb. .23¼- —
16%, 100-lb. pkgs.....lb. .26¼- —
Nuodite, cobalt, 18%, 100-lb. pkgs..lb. .64 - —
lead, 64%, 100-lb. pkgs.....lb. .23 - —
manganese, 24%, 100-lb. pkgs, lb. .30 - —

All prices are f.o.b. customers' plants, East of Denver.

P

Paradene, No. 1, 75-99°C., dms., gross wt., works..lb. .04½- —
2, 100-124°C., dms., gross wt., works..lb. .04½- —

Paradene prices on contract, terminating Dec., 1940, are ¼c. lower; prices are freight equalized with Philadelphia, Pa.

Paradura resin, grade AV, c.l., dlvd..lb. .25½- —
10 pkgs. or more, dlvd.....lb. .26½- —
9 pkgs. or less, dlvd.....lb. .27½- —
C, c.l., dlvd.....lb. .29½- —
10 pkgs. or more, dlvd.....lb. .30½- —
9 pkgs. or less, dlvd.....lb. .31½- —
10-P, c.l., dlvd.....lb. .32 - —
10 pkgs. or more, dlvd.....lb. .33 - —
9 pkgs. or less, dlvd.....lb. .34 - —
46, c.l., dlvd.....lb. .21½- —
10 pkgs. or more, dlvd.....lb. .22½- —
9 pkgs. or less, dlvd.....lb. .23½- —
273, c.l., dlvd.....lb. .23 - —
10 pkgs. or more, dlvd.....lb. .24 - —
9 pkgs. or less, dlvd.....lb. .25 - —
367, c.l., dlvd.....lb. .32 - —
10 pkgs. or more, dlvd.....lb. .33 - —
9 pkgs. or less, dlvd.....lb. .34 - —
540, c.l., dlvd.....lb. .32 - —
10 pkgs. or more, dlvd.....lb. .33 - —
9 pkgs. or less, dlvd.....lb. .34 - —

Paranol resin, extra hard, No. 1, c.l., dlvd..lb. .14½- —
10 pkgs. or more, dlvd.....lb. .15 - —
9 pkgs. or less, dlvd.....lb. .15½- —
Extra hard, No. 2, c.l., dlvd.lb. .14 - —
10 pkgs. or more, dlvd.....lb. .14½- —
9 pkgs. or less, dlvd.....lb. .15 - —
Extra hard, No. 3, c.l., dlvd.lb. .13½- —
10 pkgs. or more, dlvd.....lb. .14 - —
9 pkgs. or less, dlvd.....lb. .14½- —
Hard, No. 1, c.l., dlvd.....lb. .12½- —
10 pkgs. or more, dlvd.....lb. .13 - —
9 pkgs. or less, dlvd.....lb. .13½- —
Hard, No. 2, c.l., dlvd.....lb. .12 - —
10 pkgs. or more, dlvd.....lb. .12½- —
9 pkgs. or less, dlvd.....lb. .13 - —
Hard, No. 3, c.l., dlvd.....lb. .11½- —
10 pkgs. or more, dlvd.....lb. .12 - —
9 pkgs. or less, dlvd.....lb. .12½- —
100, c.l., dlvd.....lb. .15½- —
10 pkgs or more, dlvd.....lb. .16 - —
9 pkgs. or less, dlvd.....lb. .16½- —
105, extra light, c.l., dlvd...lb. .12 - —
10 pkgs. or more, dlvd.....lb. .12½- —
9 pkgs. or less, dlvd.....lb. .13 - —
105, dark, c.l., dlvd.....lb. .11½- —
10 pkgs. or more, dlvd.....lb. .12 - —
9 pkgs. or less, dlvd.....lb. .12½- —
105-B, extra light, c.l., dlvd.lb. .11½- —
10 pkgs. or more, dlvd.....lb. .12 - —
9 pkgs. or less, dlvd.....lb. .12½- —
200, c.l., dlvd.....lb. .16 - —
10 pkgs. or more, dlvd.....lb. .16½- —
9 pkgs. or less, dlvd.....lb. .17 - —
500, hard, c.l., dlvd.....lb. .13½- —
10 pkgs. or more, dlvd.....lb. .14 - —
9 pkgs. or less, dlvd.....lb. .14½- —
500, extra hard, c.l., dlvd...lb. .16 - —
10 pkgs. or more, dlvd.....lb. .16½- —
9 pkgs. or less, dlvd.....lb. .17 - —
800, extra light, c.l., dlvd....lb. .14½- —
10 pkgs. or more, dlvd.....lb. .15 - —
9 pkgs. or less, dlvd.....lb. .15½- —
800, dark, c.l., dlvd.....lb. .13½- —
10 pkgs. or more, dlvd.....lb. .14 - —
9 pkge. or less, dlvd.....lb. .14½- —
850, c.l., dlvd.....lb. .14½- —
10 pkgs. or more, dlvd.....lb. .15 - —
9 pkgs. or less, dlvd.....lb. .15½- —
900, c.l., dlvd.....lb. .11½- —
10 pkgs. or more, dlvd.....lb. .12 - —
9 pkgs. or less, dlvd.....lb. .12½- —
1574, c.l., dlvd.....lb. .13 - —
10 pkgs. or more, dlvd.....lb. .13½- —
9 pkgs. or less, dlvd.....lb. .14 - —
1600, c.l., dlvd.....lb. .13½- —
10 pkgs. or more, dlvd.....lb. .14 - —
9 pkgs. or less, dlvd.....lb. .14½- —
1700, c.l., dlvd.....lb. .14 - —
10 pkgs. or more, dlvd.....lb. .14½- —
9 pkgs. or less, dlvd.....lb. .15 - —
1639, c.l., dlvd.....lb. .12 - —
10 pkgs. or more, dlvd.....lb. .12½- —
9 pkgs. or less, dlvd.....lb. .13 - —
1640, c.l., dlvd.....lb. .13½- —
10 pkgs. or more, dlvd.....lb. .14 - —
9 pkgs. or less, dlvd.....lb. .14½- —
1650, c.l., dlvd.....lb. .12 - —
10 pkgs. or more, dlvd.....lb. .12½- —
9 pkgs. or less, dlvd.....lb. .13 - —
LB, No. 1, c.l., dlvd.....lb. .13 - —
10 pkgs. or more, dlvd.....lb. .13½- —
9 pkgs. or less, dlvd.....lb. .14 - —
LB, No. 5, c.l., dlvd.....lb. .13 - —
10 pkgs. or more, dlvd.....lb. .13½- —
9 pkgs. or less, dlvd.....lb. .14 - —
LB, No. 89, c.l., dlvd.....lb. .11½- —
10 pkgs. or more, dlvd.....lb. .12 - —
9 pkgs. or less, dlvd.....lb. .12½- —

Paranol resin, LN, 100, c.l., dlvd..lb. .13½- —
10 pkgs. or more, dlvd.....lb. .14 - —
9 pkgs. or less, dlvd.....lb. .14½- —

Paradura and paranol resin prices listed above prevail only for delivery to Me., N. H., Vt., Mass., R. I., Conn., Ill., N. Y., N. J., Pa., Del., Md., Va., W. Va., N. C., Ky., Ohio, Mich., Ind., St. Louis, Mo.; Wis., and Montreal and Toronto, Can. Add ¼c. per lb. to quoted prices for delivery to Ala., Ark., Fla., Ga., Iowa, Kan., La., Minn., Mo. (except St. Louis); Miss., Neb., N. D., Okla., S. C., S. D., Tenn. and Dallas and Houston, Tex. Add ¾c. per pound for delivery to Ariz., Colo., Idaho, Mont., Nev., N. M., Tex. (except Dallas and Houston), Utah, Wyo., and other points in the United States and Canada not listed above.

Phenester, color 3½-5, dms., works..lb. .17 - —
P.H.C., dms., works.....lb. .19 - —
Pliolite, powder, ton lots, works, lb. .66 - —
smaller lots, works.....lb. .69 - .74
P1235, ton lots, works.....lb. .67 - —
smaller lots, works.....lb. .70 - .74
P1269, ton lots, works.....lb. .67 - —
smaller lots, works.....lb. .70 - .74
Resin, clear, ton lots, works.lb. .75 - —
smaller lots, works.....lb. .79 - .84
No. 20, ton lots, works.....lb. .75 - —
smaller lots, works.....lb. .79 - .84
No. 40, ton lots, works.....lb. .75 - —
smaller lots, works.....lb. .79 - .84

R

Resinous oil, No. XI, dms., works..lb. .019 - —

S

Super-beckacite, pure phenolic, 1001, dms., 1-9, frt. pd..lb. .31 - —
1003, dms., 1-9, frt. pd....lb. .30 - —
2000, dms., 1-9, frt. pd....lb. .26 - —
2050, dms., 1-9, frt. pd....lb. .23 - —
2667, dms., 1-9, frt. pd....lb. .21 - —
2668, dms., 1-9, frt. pd.....lb. .15 - —
3000, dms., 1-9, frt. pd....lb. .48 - —
3005, dms., 1-9, frt. pd....lb. .45 - —

Super-beckacite prices in lots of 10 dms. or more are ½c. per lb. less than above; in carloads, 1c. per lb. less, with exception of 3000 and 3005 where 10 dms. are 1½c. less and carloads 3c.; prices subject same geographical differentials as beckacite.

Surfex, bgs., c.l., frt. alld. up to 25c. per 100 lbs..ton.35.00 - —
BB, bgs., c.l., frt. alld. up to 25c. per 100 lbs..ton.40.00 - —
Syntex resin, 1-CH, 1-9 dms.. 100 lbs.20.00 - —
13, 1-9 dms.....100 lbs.14.50 - —
14, 1-9 dms.....100 lbs.15.00 - —
17, 1-9 dms.....100 lbs.13.25 - —
18, 1-9 dms.....100 lbs.14.75 - —
19-A, 1-9 dms.....100 lbs.15.25 - —
20-A, 1-9 dms.....100 lbs.15.25 - —
21-B, 1-9 dms.....100 lbs.13.25 - —
22, 1-9 dms.....100 lbs.15.00 - —
23, 1-9 dms.....100 lbs.13.25 - —
28, 1-9 dms.....100 lbs.17.00 - —
29, 1-9 dms.....100 lbs.12.50 - —
32, 50%, 1-9 dms.....100 lbs.12.50 - —
70%, 1-9 dms.....100 lbs.18.25 - —
34, 1-9 dms.....100 lbs.15.75 - —
36, 1-9 dms.....100 lbs.17.00 - —
119, 1-9 dms.....100 lbs.19.00 - —
H-3, 1-9 dms.....100 lbs.13.00 - —
H-5, 1-9 dms.....100 lbs.14.50 - —

Kadox-Vinylite

Syntex resin, H-10, 1-9 dms..... 100 lbs.15.25 - —
H-12, 1-9 dms.....100 lbs.16.00 - —
H-15, 1-9 dms.....100 lbs.11.50 - —
H-46, 1-9 dms.....100 lbs.12.50 - —

Syntex prices in lots of 10 dms. or more are 50c. per 100 lbs. less than above. These prices are f.o.b. Louisville, Ky., freight prepaid and allowed to destinations in New England, the Middle Atlantic states, Va., N.C., S.C., W. Va., Ohio, Ky., Tenn., Ind., Ill., Mich., Wis., Iowa and Mo. and the cities of Minneapolis and St. Paul, Minn., Atlanta, Ga.; Omaha and Lincoln, Neb., and Montreal and Toronto, Canada. For shipment to other points East of the Rockies and not listed above, add 1c. per lb.

V

Vinylite, AYAA, AYAF, AYAT, paper bags, c.l., (30,000 lbs.), f.o.b. cars, South Charleston, W. Va., freight paid to destination E. of Mississippi river.....lb. .40 - —
2,000 to 9,999 lbs., cns., same basis..lb. .43 - —
200 to 1,999 lbs., cns., same basis..lb. .45 - —
1 to 199 lbs., cns., same basis..lb. .60 - —
AYAB, cns., 200 to 1,999 lbs., same basis..lb. .52 - —
1 to 199 lbs., same basis..lb. .67 - —
AYAW, cns., 200 to 1,999 lbs., same basis..lb. .52 - —
1 to 199 lbs., same basis..lb. .67 - —
QYNA, paper bags, c.l. (30,000 lbs.), f.o.b. cars South Charleston, W. Va..lb. .48 - —
10,000 to 29,999 lbs., cns., same basis..lb. .50 - —
2,000 to 9,999 lbs., cns., same basis..lb. .52½- —
200 to 1,999 lbs., cns., same basis..lb. .55 - —
1 to 199 lbs., cns., same basis..lb. .65 - —
VYHF, VYLF, VYNW, VYRR, paper bags, c.l. (30,000 lbs.), same basis..lb. .48 - —
10,000 to 29,999 lbs., cns., same basis..lb. .50 - —
2,000 to 9,999 lbs., cns., same basis..lb. .52½- —
200 to 1,999 lbs., cns., same basis..lb. .55 - —
1 to 199 lbs., cns., same basis..lb. .65 - —
VYHH, paper bags, c.l. (30,000 lbs.), same basis..lb. .52 - —
10,000 to 29,999 lbs., cns., same basis..lb. .54 - —
2,000 to 9,999 lbs., cns., same basis..lb. .55½- —
200 to 1,999 lbs., cns., same basis..lb. .57 - —
1 to 199 lbs., cns., same basis..lb. .67 - —
VYNS, paper bags, c.l. (30,000) lbs.), same basis..lb. .68 - —
10,000 to 29,999 lbs., cns., same basis..lb. .70 - —
2,000 to 9,999 lbs., cns., same basis..lb. .72½- —
200 to 1,999 lbs., cns., same basis..lb. .75 - —
1 to 199 lbs., cns., same basis..lb. .85 - —

3 WAYS TO LICK THAT WOOD-OIL SUBSTITUTE PROBLEM!

Just as there's "more than one way to skin a cat," there's more than one way to lick the wood-oil substitute situation. In fact, Durez offers *three*—and they're dandies!

First, there's Durez 209—a terpene phenolic that produces an excellent finish with high alkali resistance, overnight dry and excellent boiling water resistance. 209 can be used with straight alkali-refined perilla . . . no china wood being needed.

Then, there's Durez 210 which gives splendid color and color stability, plus a tough, fast-drying film and better than average alkali and water resistance.

Finally, there's Durez 220, noted for the hardness of film it produces together with exceptionally fast dry. Like the others, it gives good gloss and toughness and is an excellent "mixer" with wood-oil substitutes.

Tests show that these Durez resins will permit the substitution of linseed, fish, soybean, dehydrated castor, and other lower priced oils for china wood up to 75 per cent. And if you wish, all three can be combined to embody the desirable qualities of each! For more information and suggested formulations, write Durez Plastics & Chemicals, Inc., 524 Walck Rd., N. Tonawanda, N.Y.

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Oil, Paint and Drug Reporter

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Patent Rights Limited

Officials of the Department of Justice regard the decision as a guaranty of success in many of their attempts to apply the antitrust laws to certain business practices. But, for business, the ruling of the Supreme Court of the United States in the antiknock gasoline case is a puzzle and a "headache." This judicial dictum seems to knock many controlling conceptions of the rights of a patentee into a "cockeyed hat."

In the opinion of the Federal prosecutors the limitation laid by the supreme court on the use of patent rights to stabilize resale prices spells the end of the patent pools which to them have been nothing other than tunneling through the antitrust laws. These officials, of course, have little, if any, technical knowledge of economics and have been wont to believe that the antitrust laws as they interpreted them defined the complete boundaries of business activities. The supreme court has given them some support to the extent that they opine that those laws nullify at least what has generally been believed to be the control over his invention statutorily vested in a patentee. There is for all business an important and an ominous significance in this statement by the court of last resort:—

> Conspicuous among such controls which the Sherman law prohibits and the patent law does not sanction is the regulation of prices and the suppression of competition among the purchasers of the patented articles.

Apparently the extension of the purpose to stabilize prices beyond the first-stage transaction in the patented article was a factor of influence in the supreme court's position in respect of the gasoline pricing practice. Nevertheless, this position is difficult to square with that taken by the court in its validation of the contractual price-stabilization means set up in State fair trade laws. Patentees may be compelled to turn to these statutes for the rights they have believed the patent laws to grant.

Because of the far-reaching effects of the decision the REPORTER will publish the court's opinion in full (see page 3).

Pharmacopeial Privilege

Each succeeding decennial convention for the revision of the United States Pharmacopeia has been preceded by an increasing manifestation of interest in the gathering on the part of medical and pharmacal organizations entitled to representation in the convention and on the part of individual members of these two groups. This interest is obviously natural, as recognition of the importance of pharmacopeial revision has increased with the scientific progress of medicine and pharmacy. It has had a special stimulus since pharmacopeial standards were made a part of Federal law in the enactment of the food and drug act in 1906.

Because a new statutory recognition of pharmacopeial standards has recently been authorized by Congress, the increase in interest in the decennial convention to be held in May has been relatively greater than that in any previous decade. There are, apparently, other reasons for some of the marked preconvention activities, and the board of pharmacopeial trustees has taken commendable cognizance of these in its suggestions of amendments to the constitution and by-laws of the convention. These suggestions recognize the wisdom and the necessity of entering upon the work of revision at this time with due regard for the invaluable privilege reposed in medicine and pharmacy by the Federal food, drug, and cosmetic law.

It must be clear to the medical and pharmacal professions and their allied commercial groups that congressional acceptance of pharmacopeial standards bestows a privilege, and is not a recognition of a right. In appreciation of this fact those entrusted with the important duty of preparing the standards should see the desirability and the necessity of entering upon their role with due recognition that, whatever the language of their convention credentials, the task to which they are actually delegated is one of high and valuable public service.

—O-P-D—

Pharmacopeial Obligation

The new Federal food, drug, and cosmetic law imposes an additional responsibility upon the 1940 pharmacopeial convention in its provision empowering the Secretary of Agriculture to create or to revise standards for drugs in case he finds those of the pharmacopeia inadequate and is unable to get the relief he may desire through action of the revision committee. It should be clear that the primary purpose of the convention must be to assure that the full demands of the law shall be met in the original and in the continuing work of revision. To this end must the convention shape its policy. And having so set its course, it must let nothing other than plain ability to follow that course influence it in the selecting of those to whom the work of revision is to be entrusted. One amendment suggested by the board of trustees looks clearly to that obligation in its providing that men of ability shall not be excluded from revision service because unavoidably or unforeseeingly they were not members of the convention.

The new statutory obligation in pharmacopeial revision demands a unity of purpose in the planning of the pharmacopeial program for the 1940 revision. It is too big and too vital to be jeopardized by petty politics or personal jealousies or envies.

In a way, pharmacopeial revision is being weighed in the balance of official sentiment. This is no time for squabbling among those who face an opportunity for further notable service, but also a possibility of losing what should be cherished far beyond personal ambitions and prejudices. There is little evidence that certain at least embryonic controversies have any foundation in the quality of the work of revision; that this work has been allocated on any basis other than that of well-known ability. Internal dissention at this time is to be assiduously avoided—an external wedge has already been inserted.

—O-P-D—

Packaging Trends

Aside from a notably few improvements of a technical nature in the products of relatively new industries, the greatest technologic progress in more than a decade has been in the designing and finishing of articles of commerce whose introduction, perhaps with less refinement in some elemental respects, antedates that period. And in this progress the pace set and the changes made in packaging are outstanding. In the achievement of this, there has been some disregard of utility in an apparent striving for appearance. This was to have been expected, because of the widespread acceptance of a philosophy which may tersely be expressed thus:—"The package sells the goods."

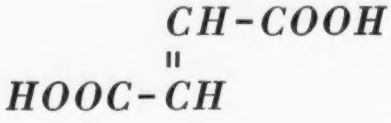
It cannot truthfully be said that all endeavors to improve packaging have been disregardful of a utilitarian purpose. The reverse is true with respect to packaging of "bulk" commodities, in which field also appearance has been markedly achieved, but as a secondary aim. The serviceability of "bulk" containers has been developed far within recent years, and delivery of such goods to their destination is no longer dependent chiefly on good luck in the handling.

In the field of ready-to-sell goods the packaging tendency is said, with substantial justification, to have been excessively toward "prettiness" and the use of "loud" colors and designs. This, it must be admitted, is in keeping with a tendency that is evidenced with equal emphasis in other ways. It is, perhaps, a manifestation of the fact that social progress as a whole has its cycles, as well as business has—and the reasons are equally difficult to define.

Flashiness of package is in line with the popularity of colorful cosmetic "finishes" and of exotic—or something—perfumes. The fad is wearing off, and the more progressive designers of packages in which sales appeal is desired are beginning to recognize the value of something different from the prevailing "loudness." Simple refinement in design and color is coming into its own again.

Another sort of "simplicity" is necessarily getting more attention in the packaging field by reason of the new statutory proscription of the slack-filled container. It is rumored that still another influence in this direction may be expected from the official investigations of the various items associated with the allegedly excessive cost of distribution. Wise packagers and package designers will see in various directions the advisability of a new philosophy.

FUMARIC ACID



Molecular Weight——116.07

As PRODUCED by an entirely new process this acid is now available at a price range which should greatly extend its use as an industrial raw material. Development of this process has resulted in a product remarkably free from organic impurities. Fumaric acid is especially recommended because of its ease of handling; low corrosion rate; low volatility even at elevated temperatures with consequent freedom from obnoxious fumes.

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(Parenthetical references are to the numbers of patents in the United States or other countries, as designated)

Barium Nitrate

(Azotate de Barium, Azotate de Baryte, Azotate de Baryum, Baryumnitrat, Nitrate de Barium, Nitrate of Baryta, Nitrate de Baryum, Nitrato de Bario, Nitrato di Bario)

Adhesives

Process material (U.S. 1248092) in making—
Fireproof adhesives

Analysis

Reagent in various processes

Cement and Concrete

Ingredient of—
Cements (U.S. 1456667 and 1519285)
Process material (U.S. 1519285) in—
Waterproofing—
Cement Concrete
Mortar

Ceramic

Ingredient of—
Glazes

Chemical

Process material in making—
Acetic anhydride (U.S. 1153402)
Barium acetylsalicylate (U.S. 1217862)
Barium manganate (U.S. 1453562)
Barium oxide (U.S. 1273824, 1305618, 1376604, 1376605, and 1376606)
Barium peroxide
Barium sulphate (U.S. 1303426)
Butyric anhydride (U.S. 1153402)
Catalysts for hydrogenation processes (U.S. 1172062)
Hydrogen (U.S. 1506323)
Hydrogen peroxide (U.S. 1364558)
Manganese peroxide (U.S. 1325129 and 1415395)
Nitric acid (U.S. 1415395)
Nitrogen pentoxide (U.S. 1153402)
Nitrous acid (U.S. 1273824)
Propionic anhydride (U.S. 1153402)
Water gas (U.S. 1506323)
Reagent (U.S. 1260811 and 1260812) for—
Removing zinc sulphate from lithopone

Electrical

Ingredient (U.S. 1164464) of—
Storage battery plates
Process material in making—
Arc-lamp electrodes (U.S. 1240628)
Flashlight powder (U.S. 1240027)
Photoelectric cells (U.S. 1376604 and 1376605)
Source (U.S. 1912680) of—
Absorbent for water vapor in luminous tubes

Explosives and Matches

Ingredient of—
Black powder (U.S. 1354640)
Detonators
Detonator (special) (U.S. 1194095 and 1206456)
Explosives
Explosives (special) (U.S. 1132873, 1174546, 1188244, 1188245, 1188246, 1307766, 1310466, 1335790, 1350465, 1386440, 1392851, 1393984, 1395775, 1397042, 1404653, 1416121, 1416122, 1416123, 1420364, 1464012, 1464667, 1509362, 1509393, 1779851, and 1880235)
Fireproof starch (U.S. 1248092)
Incendiary compositions (U.S. 1181278 and 1308463)
Marine signals (greens)
Nitrostarch explosive (U.S. 1305845)
Primer compositions
Primer compositions (special) (U.S. 1174669, 1184316, 1312156, 1416121, 1416122, 1416123, 1779851, and 1880235; Brit. 393449)
Propellant powder (U.S. 1354640)
Pyrotechnic compositions (greens)
Pyrotechnic composition (special) (U.S. 1145421 and 1423264)
Railway signal fuse (U.S. 1180438)
Signal lights (greens)
Smoke-producing composition (U.S. 1244940)

Fats and Oils

Process material (U.S. 1172062) in making—
Hyrogenation catalysts

Firefighting

Ingredient (U.S. 1248092) of—
Fire-extinguishing agent
Fireproofing agent
Fireproof starch

Food

Curing agent (U.S. 1259377) for—
Corned beef Meat
Ham

Leather

Process material (U.S. 1180902) in making—
Artificial leather

Mechanical

Process material (U.S. 1456667) in making—
Heat insulation

Metallurgical

Enameling frit said to offer the following advantages—
Capillary cracking of the enamels and glazes is less marked
Decolorizing action of barium nitrate is better than that of the alkaline nitrates or of barium carbonate
Decomposition of the barium nitrite, formed during the fusion, takes place at only very high temperatures, and consequently, more limpid enamels result
Does not attack the walls of the fusion vessel
Frits obtained powder easily
It is superior to barium carbonate in that it has a lower melting point
Less hygroscopic than nitrate of soda or potash
Less soluble than nitrate of soda or potash
Nitrate-based frits are much easier to fuse
Ingredient (U.S. 1314839, 1314840, 1314841, and 1314842) of
Etching agent for—
Brass Steel
Copper Zinc
Nickel
Ingredient (U.S. 1395769) of—
Thermite igniting mixture
Process material (U.S. 1493012) in—
Rustproofing process

Miscellaneous

Process material in making—
Belting (U.S. 1180902)
Chemical heater (U.S. 1506322 and 1506323)
Filament (U.S. 1180902)
Target (U.S. 1145585)
Thread (U.S. 1180902)
Waterproofing agent (U.S. 1180902)

Paint and Varnish

Ingredient (U.S. 1248092) of—
Fireproof paints and varnishes
Precipitating agent (Brit. 406445) in making—
Chromates
Reagent (U.S. 1260811 and 1260812) for—
Removing zinc sulphate from lithopone

Paper

Process material (U.S. 1248092) in making—
Fireproof sizings for paper

Pharmaceutical

In compounding and dispensing practice

Photographic

Process material in making—
Anti-static photographic film (U.S. 1431900 and 1434453)
Flashlight powder (U.S. 1240027)

Plastics

Ingredient (U.S. 1180902) of—
Plastic

Rubber

Bath material (U.S. 1152834) in—
Vulcanizing processes for—
Balata articles
Gutta-percha articles
Rubber boots and shoes
Rubber hose
Rubber tires
Process material (U.S. 1180902) in making—
Rubber substitutes

Stone

Ingredient (U.S. 1456667) of—
Artificial stone composition

Textile

Process material (U.S. 1303426) in recovering—
Dyestuff

1-Betagammadihydroxypropylaminoanthraquinone-2-carboxylbetagammadihydroxypropylamide

Cellulose Products

Red dye (Brit. 488863) for—
Cellulose esters and ethers

Dye

Intermediate (Brit. 488863) in making—
Dyestuffs

Bis(acetoxymethyl) Phthalate

Adhesives

Plasticizer (U.S. 2115709) in—
Adhesive compositions containing synthetic resins and cellulose esters or ethers

Ceramic

Plasticizer (U.S. 2115709) in—
Compositions, containing synthetic resins and cellulose esters or ethers, used as coatings for protecting and decorating ceramic products

Chemical

Plasticizer (U.S. 2115709) for—
Cellulose esters or ethers
Synthetic resins

Cosmetic

Plasticizer (U.S. 2115709) in—
Nail enamels and lacquers containing cellulose esters or ethers as base material

Electrical

Plasticizer (U.S. 2115709) in—
Insulating compositions, containing synthetic resins and cellulose esters or ethers, used for covering wire and in making electrical machinery and equipment

Glass

Plasticizer (U.S. 2115709) in—
Compositions, containing synthetic resins and cellulose esters or ethers, used in the manufacture of nonscatterable glass and as coatings for protecting and decorating glassware

Leather

Plasticizer (U.S. 2115709) in—
Compositions, containing synthetic resins and cellulose esters or ethers, used in the manufacture of artificial leather and as coatings for protecting and decorating leather and leather goods

(To be continued)

3:3′-Bis(cyclotetramethylenesulphone) Ether

Chemical

Intermediate (Brit. 489974) in making—
Textile assistants

Dye

Intermediate (Brit. 489974) in making—
Dyestuffs

4-Chlor-4′-brom-5:6-benzoquinolin

Pharmaceutical

Claimed (Brit. 481874) as—
Colorless agent useful in destroying blood parasites (malaria), amebae, and worm infections

Crotylidenecyanacetic Acid Ethylester

Miscellaneous

Starting point (Brit. 460914 and 494550) in making—
Compositions especially suitable for covering floors and walls, by working it up with a filling material and a polymerization catalyst

Dichloromethyl Chloroformate

Chemical

Reactant in—
Organic syntheses

Military

As a military poison gas
Starting point in making—
"K-Stoff," by admixture with the monochlorinated compound
"Palite," by admixture with the monochlorinated compound

Monocetyl Adipate

Lubricant

Claimed (Brit. 500222) as—
Cutting oil base
High-pressure, thin-film lubricant for incorporation in suitable hydrocarbon oils or greases

Paramethylaminophenylmethylsulphone

Chemical

Intermediate (Brit. 490043) in making—
Medicinal chemicals

Dye

Intermediate (Brit. 490043) in making—
Dyestuffs

N-Pyridyl-N′-undecylurea

Chemical

Starting point (Brit. 500153) in making—
Salts useful as softening and improving agents for textiles

Tetrachlorodibenzyl

Electrical

Dielectric (Brit. 433070)
Insulating medium (Brit. 433070)

INFORMATION similar to the above on 5167 chemicals and related materials is available in a BOOK: every producer and every manufacturing consumer will find useful every day. **$10** Postage paid in U. S. plus 39c postage elsewhere

Heavy Chemicals

Iron-Free Alumina Sulphate Advanced — Tin Salts Easier —Uranium Oxide Higher—Aluminum Ingot Price Lower —Basic Chemical and Acid Prices to Remain Firm

While the market for heavy chemicals lacked any sustained increase in volume last week, evidence of moderate gains in certain items prevailed. Inventories in the hands of consumers were believed to be worked down considerably. Business during March, however, was rather disappointing in that it failed to attain the seasonal broadening anticipated. A slight gain was recorded over February, which was aided somewhat by the few extra calendar days. A better inquiry was noted for seasonal chemicals, but weather conditions prevented any heavy movement. This was particularly true for agricultural materials.

An advance in iron-free alumina sulphate provided the outstanding price development. The market advanced a similar amount at the beginning of the final quarter of last year. The schedule was sharply lowered in May, 1938, and quotations are still considerably below the levels prevailing before the reduction. Prices for commercial grade failed to follow. Aside from this development, contract prices for various other basic chemicals and mineral acids remain at the same basis for the second quarter.

Alums.—Prices firm and unchanged. Demand moderate against contracts.

Alumina Hydrate.—The call conservative. No change in prices.

Alumina Sulphate. — Iron-free advanced 15c. per 100 pounds, bags, carlots; $1.60 and less carlots $1.85 per 100 pounds. Barrels 20c. higher. No change in commercial. Interest steady.

Aluminum. — Price lowered 1c. to 19c. per pound. Demand satisfactory from automotive, aircraft and building trade.

Ammonia Anhydrous. — Better inquiry, some shipments moving against contracts for refrigeration. Prices tone firm.

Ammonia Aqua.—Moderate demand. Prices were the same and firm.

Ammonia Bicarbonate. — Interest routine. Pricewise a firm tone prevailed.

Ammonia Bifluoride.—Withdrawals small. No new price developments.

Ammonia Carbonate.—Shipments in line with current needs. Prices rule unchanged.

Ammonia Nitrate.—Business fairly steady. Market position strong.

Ammonia Perchlorate.—Quotations unchanged. Buying limited to regular channels.

Ammonia Persulphate.—Steady call for small quantities. Prices firm.

Ammonia Silicofluoride.—Developments of importance were lacking. Prices steady.

Ammonia Sulphide.—Quotations for various grades unaltered. Moderate demand.

Ammoniac, Sal.—New business dull. Supplies adequate to meet current demand. Prices were unchanged. Imports during 1939 totaled 4,243 short tons, of which Germany shipped 3,258.

Antimony.—Demand light. Domestic spot price unaltered.

Antimony Oxide. — Little interest developed. Prices about steady.

Arsenic.—Prices were firm and unchanged. White moved steadily. Call for red quiet.

Barium Carbonate.—Some seasonal pickup awaited, takings only moderate. Prices hold firm.

Barium Chlorate. — Dealings conservative. Prices well maintained.

Barium Chloride. — Moderate inquiry. No change occurred in the prices.

Barium Hydrate. — Steady call for domestic and imported. Prices firm.

Barium Nitrate.—New business less active. Prices well sustained.

Bleaching Powder. — Domestic and export business less active. Prices hold firm.

Calcium Acetate.—Business modest, and prices without change.

Calcium Carbide.—Fair buying, with moderate export inquiry.

Calcium Chloride.—Ice control demand spotty, better inquiry for refrigeration. Dust laying movement awaited. Exports normal. Prices firm.

Carbon Bisulphide.—Prices remain firm. Moderate movement against contracts.

Price Changes

Advanced

Alumina sulphate, iron-free, 15c. per 100 lbs.
Uranium oxide, black, 40c. per lb.
yellow, 25c. per lb.

Reduced

Aluminum, 1c. per lb.
Soda stannate, ½c. per lb.
Tin, Straits, ¾c. per lb.
crystals, ½c. per lb.
stannous chloride, anhy., ½c. per lb.
tetrachloride, anhy., ¼c. per lb.

Comparative Values

Index numbers compiled from twenty-five typical chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
150.8	**150.6**	**150.6**	**146.9**

Index numbers compiled from twenty typical acids on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
101.6	**101.6**	**101.6**	**99.6**

Market news that may have developed after this report was sent to press will be found on page 4.

Carbon Dioxide.—Evidence of seasonal pickup for refrigeration and beverage purposes. Pricewise firm tone prevailed.

Carbon Tetrachloride. — Buying spotty. No change disclosed in the prices.

Chlorine.—No pickup in buying, but demand sufficient to keep market in satisfactory position. Prices unchanged.

Chloropicrin. — Shipments moderately active. Prices remain firm.

Cobalt Oxide. — Market position strong. Commitments restricted to regular consumers. Prices rule unchanged.

Cobalt Sulphate.—Takings were not large, but market retained its firm position.

Copper.—Producers maintain price at 11½c., while smelters quote 11¼c. Demand light. Export interest moderate, ranging from 11.15c. to 11.20c. per pound. Outside market 11.30c. to 11.35c. per pound.

Copper Carbonate. — Prices steady. Shipments moderate.

Copper Oxide.—New buying lacked expansion. Prices without change.

Copper Sulphate. — Better inquiry for agricultural purposes. Commercial withdrawals remain satisfactory. Export demand good. Prices unchanged. Cuban customs circular provides that copper sulphate is accorded duty-free entry when imported for use as an insecticides.

Copperas.—Shipments steady against contracts. Market position strong.

Feldspar.—Not much interest. Prices without alteration.

Fluorspar.—Quotations firm. Buying generally moderate.

Glauber's Salt. — Withdrawals confined to necessary replacements.

Lead Acetate.—No change in prices, despite easiness in basic metal. Buying routine.

Lime. — Quotations lacked any

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7

Turner
LIQUID CAUSTIC SODA
DRUMS-TANK CARS-TANK WAGONS
JOSEPH TURNER & COMPANY
83 EXCHANGE PL. PROVIDENCE
RIDGEFIELD, N. J. 630 FIFTH AVE., NEW YORK
40TH ST. & CALUMET CHICAGO

FINEST QUALITY
BICARBONATE OF SODA
SAL SODA (Carbonate of Soda Crystals)
MONOHYDRATE OF SODA
PIONEER WASHING SODA
CHURCH & DWIGHT CO.
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STAUFFER
A dependable Source of Supply since 1885
CAUSTIC SODA
BORIC ACID CARBON TETRACHLORIDE : BORAX
TITANIUM TETRACHLORIDE : SULPHUR CHLORIDE
SILICON TETRACHLORIDE : CREAM OF TARTAR
SULPHURIC ACID : CAUSTIC SODA : WHITING
TARTARIC ACID : LIQUID CHLORINE : SULPHUR
TEXTILE STRIPPER : CARBON BISULPHIDE
STAUFFER CHEMICAL CO.
Stauffer
420 LEXINGTON AVE., NEW YORK, N. Y.
232 NO. MICH. AVE., CHICAGO, ILL.
624 CALIFORNIA ST., SAN FRANCISCO, CAL.
555 SO. FLOWER ST., LOS ANGELES, CAL.
424 OHIO BUILDING, AKRON, OHIO
FREEPORT, TEXAS APOPKA, FLORIDA

BARIUM REDUCTION CORPORATION
Manufacturers of
Precipitated Barium Carbonate
Barium Chloride Crystals
Anhydrous Barium Chloride
Barium Sulphate
Barium Oxide
Barium Peroxide
Barium Hydrate
Barium Sulphide
Sodium Sulphide
Sodium Sulphydrate
Hydrogen Sulphide Gas
Ammonium Sulphide
Strontium Oxide
Strontium Peroxide
OFFICE AND WORKS: SOUTH CHARLESTON, W. VA.

COPPER SULPHATE
IRVINGTON SMELTING & REFINING
IRVINGTON WORKS NEW JERSEY
NEW YORK OFFICE · 30 CHURCH ST.

change, and tone was steady to firm. Better inquiry for agricultural purposes, commercial demand moderate.

Magnesite. — Business continued to make favorable showing with a year ago. Domestic and imported prices firm at levels established recently.

Manganese Dioxide. — Moderate movement against contracts. Prices unchanged and firm.

Nickel Salts.—Prices well sustained. Demand irregular.

Phosphorus.—Shipments confined to regular consuming channels. Export business negligible. Prices rule firm.

Potash Carbonate.—Firm price tone. Shipments against contracts steady. Little export business accepted.

Potash, Caustic. — Prices were unchanged and firm. Steady movement to regular consuming channels.

Potash Chlorate.—Moderate inquiry. and shipments satisfactory. Prices remain firm.

Potash Permanganate. — New business less active, but market position one of firmness. Material now available in fine powder form.

Saltcake.—Demand from paper and glass trade fairly steady. Prices nominal.

Saltpeter.—Slackening in new business. Prices firm. Imports during 1939 totaled 5,208,384 pounds, of which Germany supplied 4,057,040 pounds. France and Russia were the other exporters.

Soda Acetate. — Dealings routine. Prices were without change.

Soda Ash.—No noticeable change in buying from recent weeks. Exports about normal. Prices unchanged.

Soda Bicarbonate. — Shipments moderately active. Prices without alteration.

Soda Bifluoride.—Fair buying movement. Quotations lacked change.

Soda Bisulphite. — Withdrawals spotty. Quotations ruled unchanged.

Soda, Caustic. — Major consumers made moderate replacements for nearby needs as rule. Export demand satisfactory. Prices unaltered.

Soda Chlorate.—Demand confined to normal requirements against contracts. Prices were firm. Imports of European origin during 1939 totaled 3,759,190 pounds, against 5,706,264 pounds in 1938. France, Germany, Sweden and Switzerland were the chief suppliers.

Soda Cyanide. — Price tone firm. Shipments continued spotty.

Soda Hydrosulphite. — Market position not so tight, demand moderate. Some export business.

Soda Metasilicate. — Shipments against contracts satisfactory. Prices ruled firm.

Soda Nitrite. — New buying less active. Market position firm.

Soda Phosphate.—Replacement buying on moderate scale. Pricewise no change developed.

Soda Pyrophosphate. — Fair movement to regular consuming channels. Prices unchanged and firm.

Soda Silicate.—Demand well diversified for moderate quantities. Prices hold firm.

Soda Silicofluoride.—Prices firm for domestic and imported. Shipments steady, supplies of imported not large.

Soda Stannate. — Quotations ½c. lower ranging from 30½c. to 33½c. per pound. Business only fair.

Soda Sulphide.—No broadening in business. Prices well maintained.

Soda Sulphite. — Shipments against contracts fairly steady. Prices unaltered.

Sulphur, Refined.—Prices were unchanged and tone of market firm. Commercial shipments only fair, better inquiry for agricultural purposes.

Tin Salts.—Tin crystals and anhydrous stannous chloride of tin declined ½c. at 36c. and 44½c. per pound, respectively. Anhydrous stannous chloride was off ¼c. at 22½c. per pound. Straits eased to 45⅞c. per pound.

Uranium Oxide.—Prices for black advanced 40c. to $3.05 per pound; yellow, 25c. to the basis of $2 per pound. Demand steady, stocks limited.

Zinc Chloride. — Buying routine. Prices failed to change.

Zinc Sulphate. — Business lacked broadening. No change disclosed in the prices.

Acids

Business in mineral acids lacked any material change from recent weeks. Shipments were confined to current requirements as a rule. Export inquiry was active for some acids. Prices failed to change, and indications were that second quarter quotations would be the same.

Exports of acetic acid from this country during 1939 totaled 1,794,089 pounds, valued at $140,977, compared with only 161,312 pounds, valued at $17,754 in 1938. Argentine, China and British Malaya were the principal consumers. On the other hand imports dropped to 1,435,492 pounds, valued

—*Continued on page* 31

Trade Briefs

Calcium carbide production will be inaugurated this month in the plant of the N. V. "Electro," Amsterdam.

General Fire Extinguisher Company, has leased a factory building at 448 Jackson avenue, Long Island City.

North A. Wright has been appointed general sales promotion manager of the Libbey-Owens-Ford Glass Company, Toledo.

Norwegian chemical and allied products imports amounted to $14,150,000 in 1939, compared with $12,000,000 in 1938.

L. E. Hanley has been elected president of the Hecla Mining Company, filling a vacancy created by the death of J. F. McCarthy.

Peruvian Match Monopoly is reported to have awarded its contract for 1940 to the Compania Chilena de Fosforos of Talca, Chile.

Soap and cleaning preparations output was lower in 1938 in Canada, with 109 factories making soaps, washing compounds or cleaning preparations as their main products.

Wall Chemicals Corporation, Detroit, a subsidiary of the Liquid Carbonic Corporation, Chicago, has acquired the Acetylene Gas & Supply Company plant in Toledo.

Herbert S. Cottrell, manager of the chemical department of Innis, Speiden & Co., is expected to return to his desk today. Mr. Cottrell recently underwent a major operation.

G. V. Parkins has retired as president of the McKeesport Tin Plate Corporation, McKeesport, Pa. He will continue as a director. J. P. Fife, chairman of the board, has been chosen acting president.

Burrows Morey, associate consulting chemist with the Buffalo Sewer Authority, discussed opportunities for young men in the paint, oil and chemical fields at a recent meeting sponsored by the vocational guidance committee of the Rotary Club of Buffalo.

Nepheline Syenite Is Dutyfree

Nepheline syenite, when ground to the consistency of a sand, has been held by the United States Customs Court, Third Division (C. D. 293), to be free of duty under paragraph 775 of the tariff act of 1930, as manufactured sand. The court overthrew an assessment at 30 percent ad valorem under paragraph 214. Nepheline syenite is a complex aluminum-silicon mineral imported from Canada for use in the manufacture of glass.

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TENNESSEE CORPORATION
ATLANTA, GA. **LOCKLAND, OHIO**

Heavy Chemicals

Acids

—*Continued from page* 30

at $59,627, compared with 6,355,353 pounds, valued at $338,244 in 1938.

Acetic. — Withdrawals moderate. Prices remain steady.

Battery.—Fair interest. Prices in line with those prevailing previously.

Chromic.—Prices remain firm. Shipments steady.

Formic.—Some irregularity in demand. No change in prices.

Gallic. — Market strong. Supplies limited.

Hydrofluoric.—Withdrawals spotty. Prices well sustained.

Lactic. — Modest interest for most grades. Prices ruled unchanged.

Naphthenic.—Market firm and nominal. Domestic sellers sold ahead. Some imported material available.

Muriatic. — Prices remained firm. Shipments fairly steady.

Nitric. — Price tone firm. Contract shipments satisfactory.

Oxalic.—Demand steady, but shipments limited to regular channels.

Phosphoric.—No change in prices, fair demand.

Pyrogallic. — Quotations firm. Supplies small.

Sulphuric.—Little change in trading, shipments confined to nearby needs. Prices the same.

Tannic. — No further change in prices, but tone firm. Business steady.

Baltimore, March 27, 1940.—The market for sulphuric acid continues to be at something like a standstill in so far as trading is concerned. Few inquiries are coming out which can be booked at higher than nominal figures, and the situation is characterized by marked quiet, with the producers still filling commitments taken at the range named in contracts not yet run out. The nominal prices are $12 per ton for 60-degree, and $15 per ton for 66-degree acid, both pyrites and brimstone, though supplementary needs that develop now and are not governed by contract, cannot be placed except at advances. Big business at sharp increases, however, are not in evidence, and large orders come in only once in a long while, which causes some surprise, since the acid consuming industries, with the exception of agriculture, are busy, and the war had been expected to develop large needs for supplies. Oleum is also just about holding its own, at $17 per ton, nominally, both for pyrites and brimstone production.

Insecticides

Shipments of agricultural insecticides and fungicides continued light. Unfavorable weather conditions limited actual movement to some sections, which ordinarily come in the market at this time. Export business, however, was satisfactory. The market lacked any new price developments, and the general tone of the market was steady to firm.

Bordeaux Mixture.—Trading light. Prices unchanged and firm.

Calcium Arsenate.—Prices unchanged. Fair inquiry, but no large movement.

Lead Arsenate.—A steadier price tone was evident. Shipments were sluggish.

Nicotine Sulphate.—Dealings narrow. Prices were firm.

Paradichlorobenzene.—Better interest in some directions. Prices were firm.

Paris Green.—Little new developed in the market. Prices the same.

Soda Arsenate.—Some inquiry, but actual buying limited. Prices rule firm.

Zinc Arsenite.—Prices firm. Demand dull.

Tamms Silica Offers New Product for Polishing

The Tamms Silica Company, Chicago, announces the installation of new equipment with which they are now producing a special grind silica known as Silvateen foam AA. The product is said to have excellent colloidal suspension and polishing qualities. This is a suitable grind for manufacture of government metal polishes.

New mill produces finer grades at lower cost, including Greencastle whiting—an extra white grade of perfect grind for paint and putty manufacture. Other grades now possible include OO silica smoke, a soft, amorphous silica—of dust-like fineness and OOO multi-cal, finest grade of air-floated silica for use in paint and enamel specialties as well as polishes.

Chemical Workers Remain Unchanged

—*Continued from page* 3

Payroll Totals

(100=1923-25 average)

	Feb. 1940	Jan. 1940	Feb. 1939
Chemicals	158.2	159.8	132.0
Cottonseed oil, cake and meal	93.1	99.3	77.0
Druggists' preparations	130.5	129.2	117.6
Explosives	127.5	120.9	97.1
Fertilizers	83.4	82.5	75.2
Paint and varnishes	129.3	128.5	117.9
Petroleum	134.7	133.5	132.5
Rayon and allied products	321.8	320.4	287.8
Soap	100.3	100.3	94.9

Data compiled by the Bureau of Labor Statistics for basic non-manufacturing industries related to the chemical industries afforded the following comparisons on the bases of the 1939 average:—

	Employment		Payroll totals	
	Feb. 1940	Jan. 1940	Feb. 1940	Jan. 1940
Metalliferous mining	66.1	66.6	63.8	62.1
Quarrying and non-metallic mining	38.1	37.5	30.9	29.8
Crude petroleum producing	63.1	63.1	58.7	58.4
Dyeing and cleaning	93.6	93.9	64.3	65.8

Employment in New York

Employment in factories producing chemicals and related products in New York State decreased 0.2 percent from January 15 to February 15, 1940, but gained 1.6 percent in the city, according to the records of the State Department of Labor.

General factory employment gained 0.8 percent from January 15 to February 15, but payrolls declined 0.4 percent during the same period. The department's index of employment for February 15, was 90.4. The payroll index was 85.9. These indexes are based on the average years 1925-1927 as 100.

	Percentages	
	State	City
Drug and industrial chemicals	—1.1	+1.5
Oil products	—0.2	+1.6
Paints and colors	+0.9	+1.4
Photographic and miscellaneous chemicals	+0.2	+3.3

Refrigerating Plant Upkeep Charted by Mathieson Alkali

A "maintenance chart," designed to provide a convenient guide to, and record of the essential steps in the annual overhauling of ammonia refrigerating equipment, has been prepared by the Mathieson Alkali Works, this city. Refrigerating engineers and plant managements should find the new chart valuable, for it consists of schematic diagrams of the various types of equipment together with a list of some sixty-seven checking and overhaul jobs. The list is keyed to the various points in the diagram and space is provided for the insertion of the date when each job is completed. Those interested in the maintenance of ammonia refrigerating equipment may obtain a copy of the chart by addressing the Mathieson Alkali Works, 60 East Forty-second street, New York, mentioning the REPORTER.

M.C.A. Committees To Meet April 1-5

OPD Washington Bureau
March 28, 1940

Technical committees of the Manufacturing Chemists Association have scheduled a series of meetings and inspection trips in Pittsburgh, next week. The schedule is as follows, the meetings to be held in the William Penn hotel:—

Tankcar committee, 9:30 a.m., April 1.

Carboy committee, 9:30 a.m., April 2.

Trip to steel plant to inspect continuous strip mill, 1:30 p.m., April 2.

Steel Barrels and drums committee:—Trip to research laboratories and barrel plant of the Aluminum Company of America, April 3, all day, and 9:30 a.m., April 4.

Miscellaneous packages committee, 1:30 p.m., April 4, and 9:30 a.m., April 5.

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Ethyl Gasoline Corp. Held for Price-Fixing

—*Continued from page 3*

prices on gasoline below the prices and margins of the refiners, these being set in refiner licenses at differentials above untreated gasoline. The supreme court found that there was evidence that the system was used as a price-maintenance device.

The company argued that the jobber license system was necessary to maintain its goodwill in its product and trademark and to protect the public health against dangers of lead poisoning from misuse of treated gasoline, but the court held that these objectives could be achieved by other means.

Patent Rights Scope

In discussing the scope of a patent monopoly, the court, in an opinion by Justice Stone, said, in part:—

It is not denied, and could not well be, that if appellant's comprehensive control of the market in the distribution of the lead-treated gasoline, as disclosed by the record, had been acquired without aid of the patents, but wholly by the contracts with refiners and jobbers, such control would involve a violation of the Sherman act.

The patent law confers on the patentee a limited monopoly, the right or power to exclude all others from manufacturing, using, or selling his invention. The extent of that right is limited by the definition of his invention as its boundaries are marked by the specifications and claims of the patent. He may grant licenses to make, use, or vend, restricted in point of space or time, or with any other restriction upon the exercise of the granted privilege, save only that by attaching a condition to his license he may not enlarge his monopoly and thus acquire some other which the statute and the patent together did not give.

He may not, by virtue of his patent, condition his license so as to tie to the use of the patented device or process the use of other devices, processes or materials which lie outside of the monopoly of the patent licensed; or condition the license so as to control conduct by the licensee not embraced in the patent monopoly; or upon maintenance of resale prices by the purchaser of the patented article.

Apellant, as patentee, possesses exclusive right to make and sell the fluid and also the lead-treated motor fuel. By its sales to refiners it relinquishes its exclusive right to use the patented fluid and it relinquishes to the licensed jobbers its exclusive rights to sell the lead-treated fuel by permitting the licensed refiners to manufacture and sell the fuel to them. And by the authorized sales of the fuel by refiners to jobbers the patent monopoly over it is exhausted, and after the sale neither appellant nor the refiners may longer rely on the patents to exercise any control over the price at which the fuel may be resold.

(The supreme court's opinion in the ethyl gasoline case will be published in full in O.P.D.; publication starts on page 3 of this issue.)

Carus Chemical Offering Powdered Permanganate

The Carus Chemical Company, La Salle, Ill., announces the commercial production of potassium permanganate in a fine powder. Heretofore, this has not been available to the chemical industry in a commercial way.

Under the present plan, potassium permanganate is produced which is approximately 95 percent through a 200 mesh screen. This product is said to be an ideal product for all desiring a quickly soluble potassium permanganate or a fine mesh potassium permanganate for incorporation in various types of insecticides, etc., wherein the powerful oxidizing properties of potassium permanganate are desired.

In addition to this new fine powdered permanganate, granulations of potassium permanganate are available in various mesh separations, such as through a 30 mesh screen, through a 20 and held on a 40 mesh, through a 30 and held on a 60, and through a 60 mesh. These are differentiated as 20-40, 30-60, etc. The new fine mesh material will be known as No. 100-200.

OPD Forum

—*Continued from page 4*

stores industry, but also the division of each total item, between the gum and wood divisions. It will eliminate the necessity of referring to two or more reports, or compiling special comparable figures, for any study of conditions and problems of the industry as a whole, or of either or both divisions. Being based upon official reports and records, it will provide a sound basis for planning the constructive development of the industry.

In the suggested form, I have made some revisions of that used for the semiannual report issued November 15, 1939, covering the first half of the 1939-40 season in comparison with the first half of the 1938-39 season. The new form proposes changes in tables 1a, 2a, and 3a for the summary of data on turpentine; in tables 1b, 2b, and 3b for the summary on rosin; in tables 6a and 7a covering details and summary of turpentine carryovers; and in tables 6b and 7b similarly relating to rosin stocks. No changes are suggested for tables 8 to 16 inclusive and 19, except omitting the figures for the second-previous season, and thus covering two seasons only. Table 16 will continue to give reported total consumption in the United States by industries, without any division between gum and wood products, for which the comparable totals, both combined and segregated are supplied in tables 1a and 2a.

I feel that the supplying by the government of the statistical data in the suggested simplified form will more adequately meet the needs of all who study and plan for the future of the naval stores industry. To each and all interested in naval stores statistics and studies, who desire to express their views and wishes, I suggest writing to C. F. Speh, chief, Naval Stores Research Division, United States Department of Agriculture, Washington.

Savannah, Ga. J. E. LOCKWOOD
March 25, 1940

Chemurgic Conference Studies New Products

—*Continued from page 5*

Gellert stated that the coke made from wood by this new process is vastly superior to commercial charcoal made under pressure.

Mr. Gellert computed that the cost of finished wood coke would be approximately $4 a short tone, and in the manufacture of pig iron would bring about a saving of $1.60 a ton over coke made from coal. The raw material for the Ruzicka process can be found in the waste material at sawmills and in cut-over timber land. Mr. Gellert said the process might prove important in development of a steel industry on the west coast.

A new sweetening agent obtained from corn was described by K. J. Seulke, director of research for the A. E. Staley Manufacturing Company, Decatur, Ill. Mr. Seulke stated that the new product was known as "Sweetose." He said that the new article retained all the desirable properties of ordinary corn syrup but eliminated objectionable qualities by being twice as sweet and only one-third as sticky.

Dr. John Lee Coulter, consulting economist, of Washington, urged use of cotton as a wall-finishing medium of potential superiority to plaster or wallpaper in wear. A real dent could be made in the cotton surplus, he said, if the walls of the 100,000,000 rooms of America's 30,000,000 homes were finished in cotton. He suggested that the cotton could be treated with some drying oil which could be washed or freshened with a new coat of paint at relatively low cost.

Amfre Drug Company, this city, and Louis Stern, prosecuted jointly under the Federal food and drugs act, were fined $910 each by the United States court for shipping "Causalin," a drug alleged to have been adulterated and misbranded and to contain a dangerous drug, aminopyrine.

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Dyestuffs, Textile and Leather Chemicals

Tanners Corn Sugar, Dextrin and Starch Prices Higher—Sumac and Stainless Extract Score Sharp Advances—Mangrove Bark, Myrobalans and Wattle Bark Easy

Buying for the most part remained on a conservative scale last week. While inventories were gradually being depleted, replacement buying was not heavy. Operations in some important textile divisions leveled off, and this had an effect on many items. Prices for chemicals on contract were extended into the second quarter. The changes occurred in corn derivatives and tanning materials.

The upward trend in corn prices was reflected in a general advance for corn sugar, dextrin and starch. Bookings, however, will be made at previous prices for orders placed before April 5th. A good export inquiry prevailed for most corn derivatives. Egg products held about steady, but demand was dull. Dyestuffs were quiet, but prices held firm. Bichromates moved steadily against contracts, with some leveling off noted in export demand. Sumac scored another sharp advance, with supplies scarce because of the export restrictions placed on Italian material; sumac stainless extract was higher. Modest declines were reported for mangrove bark, myrobalans and wattle barks, which reflected the easiness in sterling.

Price Changes

Advanced

Corn dextrin, 10c. per 100 lbs.
starch, 10c. per 100 lbs.
sugar, tanners, 10c. per 100 lbs.
Sumac, $15 per ton.
stainless ext., 1½c. per lb.

Reduced

Mangrove bark, 50c. per ton.
Myrobalans, J1, 50c. per ton.
J2, 50c. per ton.
Wattle bark, E. African, 25c. per ton.
S. African, 25c. per ton.

Comparative Values

Index numbers compiled from nineteen typical dyestuffs on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
143.0	**142.5**	**144.3**	**139.3**

Market news that may have developed after this report was sent to press will be found on page 4.

Chemicals

Alumina Acetate. — Business conservative. Prices unchanged and firm.

Alumina Chloride.—Firm price tone prevailed. No broadening in the demand.

Ammonia Acetate. — Small quantities made up the call. Prices ruled unchanged.

Ammonia Bichromate.—Interest was only moderate. No change in prices.

Antimony Salts.—Quotations were nominal. Dealings were narrow.

Chrome Acetate.—Quotations were unchanged and firm. Buying was light.

Potash Bichromate. — Shipments fairly steady against contracts. Fair xport inquiry. Prices unchanged and rm.

Potash Prussiate.—Prices hold firm. Withdrawals lack broadening.

Soda Bichromate. — Business remained moderately active. Less export demand. Prices firm. January exports 1,989,681 pounds, valued at $262,335.

Soda Prussiate.—Trading continued modest. Prices were without change.

Sulphonated Oils. — Consumers orders for nearby needs. Prices held about steady.

Zinc Dust.—No change developed in the prices. Domestic and export demand moderate.

Dyestuffs

Annatto.—Transactions narrow. No change occurred in the quotations.

Archil. — Prices strictly nominal. Supplies limited.

Cochineal.—Market position strong. mand **fair.**

Fustic.—No change in prices, with market tone firm. Interest moderate.

Hypernic. — Little feature to the market. Prices well maintained.

Indigo.—Business quiet. No change disclosed in the quotations.

Logwood. — Quotations unchanged and firm. Dealings only routine. January exports of extract at 101,416 pounds, valued at $16,461.

Madder Dutch.—Market dull. Prices n conformity with those prevailing previously.

Turmeric.—Spot stocks scarce. Quotations strictly nominal.

Sizing Materials

Albumen, Blood.—Interest steady. Market position strong, and prices firm.

Albumen, Egg.—Prices hold steady. Little new buying interest developed.

Corn Sugar.—Effective immediately prices were generally 10c. per 100 pounds higher. Demand moderate, export inquiries satisfactory.

Dextrin, Corn.—Quotations raised 10c. per 100 pounds for all grades. Bookings moderately active. Good export inquiry. Visible supplies of corn decreased 82,000 bushels.

Dextrin Potato.—Prices for imported nominal. Demand moderate.

Egg Yolk.—Transactions without feature. Domestic and imported prices unchanged.

Sago Flour.—No new price developments. Inquiries not heavy.

Starch, Corn.—Various grades advanced 10c. per 100 pounds. Withdrawals on a broader scale, since sellers will book to April 5th at old prices. Good export inquiry.

Starch, Potato.—Prices were steady to firm. Demand light.

Starch Rice.—Market lacked any new feature. Prices the same.

Starch Wheat.—Firm price tone, but prices were unaltered. Fair buying interest.

Tapioca Flour.—Replacement buying remained on conservative basis. Prices were steady.

Tanning Materials

Chestnut Extract.—No broadening in business. Prices unchanged.

Cutch.—Shipments against contracts fair. Prices rule firm.

Gambier.—Quiet conditions prevailed. Quotations nominal.

Hemlock Extract.—Prices were firm. Trading only moderate.

Mangrove Bark.—Market eased slightly to $31.50 per ton. Demand light.

Myrobalans.—J1's and J2's 50c. lower at $28.50 and $23.50, respectively. Market quiet.

Oakbark Extract.—Demand failed to expand. Prices without change.

Quebracho Extract.—No change in prices. Fair buying interest.

Sumac.—Quotations for leaf and ground advanced another $15 per ton to the basis of $140 per ton. Export restrictions chief factor. Stainless extract 1½c. higher, ranging from 9c. to 11c. per pound.

Current prices on dyestuffs and tanstuffs are given in the alphabetical list of prices beginning on page 7

Valonia.—Prices for beards and cups held steady. Trading narrow.

Wattle Bark.—East and South African off 25c. per ton at $36.50 and $37.75, respectively. Transactions dull.

Boston Tanners' Council Associates Review Activities

The annual dinner meeting of the Tanners' Council Associates of Boston was held March 20 at the Chamber of Commerce. Merrill A. Watson, executive vice-president of the Tanners' Council of America, reviewed the progress of the work of the associates over the last eight years. He compared the disorganized condition in the handling of insolvencies and failures in leather consuming trades in 1932 with the current situation where divisions of the associates operate in Boston, New York, Philadelphia, Chicago, Milwaukee, and St. Louis.

J. L. Devaney, of the Armour Leather Company, chairman of the group, explained the activities and operations of the associates. He pointed out that basically the purpose of the associates' plan is to promote a higher plane of debtor-creditor relationship in the shoe and leather industries and to reduce the losses entailed by financial embarrassments.

Phosphate Mining has been established in Brazil at a plant in Ipanoma in the State of Sao Paulo, some 80 miles west of the capital on the Sorocabana railway. The plant has a capacity of 250 tons of mineral with an output of 50 tons of 41 percent concentrate.

Sales, Market Research Problems to Be Discussed

—*Continued from page 4*

"Developing Sales Supervision," by J. K. Skillings, of the Texas Company.

Two papers will be given over to marketing research. The first will be by Bernard Lester, on "Marketing Research as a Basis for the Most Effective Use of the Sales Organization"; and, the second by Donald R. G. Cowan, on "Proven Methods of Market Research."

A feature discussion at the session will be presented by Dr. H. R. Tosdal, of Harvard University, entitled "What Salesmen Think About Sales Management and Their Sales Managers." Dr. Tosdal is engaged in a significant research program in cooperation with the Sales Managers Club of Boston. His study covers what salesmen think of the sales management of their companies and of their own sales managers. It is based on a comprehensive statistical survey of salesman attitudes and points of view.

Another paper of interest will be that by H. R. Chapman, vice-president, New England Confectionery Company, on "Fundamentals That Dictate Sound General Sales Policies." The conference will be concluded by the awarding of certificates of merit for outstanding sales presentations—the illustrated kits used by salesmen for describing product values—to be judged by a jury composed of authorities in the product promotion field.

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Coaltar Chemicals

Buying Improves Slightly—Price Tone Remains Firm—February By-Product Coking Operations Decline Again — Benzol Output Lower But Well Ahead of a Year Ago

A slightly better demand was uncovered in certain divisions of the market for coaltar chemicals last week. However, the improvement was spotty, and most products continued to be taken conservatively. The synthetic resin industry made satisfactory purchases, the call from the disinfectant trade was slow in getting underway. Export inquiry for certain solvents and dyes was fairly active. Prices for the second quarter will remain the same, with diphenylamine the only exception.

Coke production declined again during February. The daily rate of output from by-product and beehive ovens totaled 144,720 tons, a decline of 10 percent from January, but 28 percent ahead of February, 1939. Production of by-product coke during February was 4,016,742 tons, a decrease of 15 percent from January. Coke was made at 84 plants, of which 80 made ammonia and 56 made benzol. Stocks of by-product coke at both merchant and furnace plants were reduced by 302,195 tons during February and stood at 1,705,874 tons on March 1, according to the Bureau of Mines.

Tar oil recovery during February was estimated at 49,210,039 gallons, compared with 56,688,489 gallons in January and 37,676,447 gallons in February, 1939. Output for the first two months aggregated 106,898,629 gallons. Light oil production for February totaled approximately 16,233,102 gallons, against 19,029,882 gallons in January and 12,428,447 gallons in February, 1939. For the first two months output aggregated 35,262,984 gallons. February recovery of ammonia liquor NH_3 (content) totaled 4,534,000 pounds, against 4,807,000 pounds in January and 3,573,000 pounds in February a year ago. For the first two months production was 9,341,000 pounds, compared with 7,505,000 pounds.

Price Changes

Advanced

None

Reduced

Diphenylamine, 4c. per lb.

Comparative Values

Index numbers compiled from twenty typical coaltar products on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
127.3	127.3	127.3	125.6

Market news that may have developed after this report was sent to press will be found on page 4.

Basic Products

Benzol.—Market retained its firmness. Adequate supplies available. Moderate export inquiry. February production 9,695,000 gallons, against 11,424,000 gallons in January and 7,141,000 gallons in February, 1939. First two months totaled 21,119,000 gallons, compared with 14,929,000 gallons in like period year ago.

Carbazol.—No change in prices for various grades. Demand not heavy.

Coaltar.—Market devoid of any new developments. Shipments against contracts routine. Prices well maintained. January exports 54,062 gallons, valued at $5,091.

Creosote Oil.—Interest fairly steady. Shipments principally against contracts. Broadening in demand expected from large consumers. Prices firm. January exports 15,828 gallons, valued at $4,727.

Cresols.—Prices remained firm and unchanged. Demand continued irregular.

Cresylic Acid.—Some pick up reported, particularly from the resin trade, disinfectant buying not heavy. Prices were well sustained.

Naphthalene. — Refined moved moderately. Not much feature to the crude. No change occurred in the imported material, offerings light and demand quiet.

Oil, Shingle Stain.—Seasonal demand slow in getting underway. No change disclosed in the prices.

Phenol. — Buying from synthetic resin trade satisfactory, other demand fairly steady. Price tone steady to firm. January exports 214,811 pounds, valued at $29,488.

Pitch, Coaltar.—Dealings remain routine. No change in prices. January exports 625 tons, valued at $11,346.

Pyridin. — Steady movement to regular consumers against contracts. Prices unchanged and firm.

Tair Acid Oils.—Little change developed in this direction. Seasonal upturn awaited. Prices hold firm.

Toluol.—Market position continued strong. Demand adequate to absorb available output. Export inquiry for nitration heavy. Prices firm and unchanged. January exports 6,582,113 pounds, valued at $399,636.

Xylol.—Moderate movement to lacquer trade. Prices were unchanged and firm. Fair export interest. January exports 168,425 pounds, valued at $9,305.

Chicago Coaltar Bases

With supplies of coaltar bases coming into the market on no very extensive basis, tone of the market is reported fairly steady at this time. Demand for benzol has been fairly good and inquiry for the material indicates buyers are continuing to pay a fairly liberal amount of attention. Other products in the general market list are holding their own. Ruling prices exclusive of tax are:—Benzol, 90 percent, 16c. to 17c. per gallon; motor benzol, 11c. to 11½c.; toluol, 25c.; 10-degree xylol, 30c.; solvent naphtha, 27c.; creosote oil, grade 1, 13½c. to 14c.

Coaltar Acids

Anthranilic. — Shipments continue routine. Prices firm.

Benzoic.—No broadening in demand. Quotations unaltered.

Broenner's. — Market lacked any new feature. Prices ruled unchanged.

Cleve's.—Usual consumers made fair replacements.

Fumaric.—Good inquiry prevalent. Prices well sustained.

Gamma.—Firm price tone. Modest demand.

H.—Market quiet. No change in prices.

Laurent's.—Little activity. Price-wise firm tone prevailed.

Malic.—Dealings moderate. Quotations the same.

Maleic.—Spot and contract shipments fair. No change occurred in the prices.

Picramic.—Market position strong. Steady call.

Picric.—Usual consumers exert satisfactory interest. Prices firm.

Salicylic.—Buying held close to requirements.

Succinic.—Market lacked any new developments. Firm price tone.

Current prices on coaltar products are given in the alphabetical list of prices beginning on page 7

Sulphanilic. — Transactions spotty. No change disclosed in prices.

Tobias.—Quotations well maintained. Shipments moderate.

Other Intermediates

Alphanaphthol. — Small quantities made up the call. Prices unchanged.

Anilin.—Shipments held to nearby needs. Quotations remain firm.

Anthraquinone.—Transactions failed to expand. Prices firm.

Benzaldehyde.—Fair call for the technical. Quotations well sustained.

Benzidin Base.—Buying routine. Pricewise a firm tone prevailed.

Betanaphthol.—Trading was sluggish. Prices ruled unchanged.

Betanaphthylamine. — Business on conservative scale.

Diethylanilin. — Consumers made necessary purchases. Prices unchanged.

Dimethylanilin.—Moderate activity. No new price developments.

Dinitrobenzene.—Firmness characterized trading, with demand fair.

Dinitrochlorobenzene.—Interest irregular and prices without change.

Dinitronaphthalene.—Market position strong. Trading moderate.

Dinitrophenol. — Business quiet. Prices remain unaltered.

Dinitrotoluene. — Shipments steady to regular consuming channels.

Diphenylamine.—Prices lowered 4c. to 25c. per pound. Moderate inquiry.

G. Salt.—Dealings continued routine.

Metanitroparatoluidin. — Modest quantities made up the call.

Nitrobenzene.—Firm price tone. Transactions moderately active.

Nitronaphthalene.—Buying underwent little change. Prices unchanged.

Orthochloroanilin. — Withdrawals conservative. Prices ruled firm.

Orthochlorophenol.—Demand quiet. Quotations without alteration.

Orthodichlorobenzene.—Prices were unchanged, and business moderate.

Orthonitroanilin.—Usual consumers provided fair interest.

—Continued on page 36

Arsenical Insecticides Unsatisfactory in Peru

OPD Washington Bureau
March 26, 1940

Reports of investigations conducted by the Sociedad Nacional Agraria indicate that the continued use of arsenical insecticides on cotton in Peru intensifies the "melaza" (sap or residue from the leafworm which remains on and suffocates the leaf), according to information received by the Department of Commerce from the consulate-general at Callao-Lima. This is a problem peculiar to rainless coastal Peru; in other countries the "melaza" is washed aff the leaf by the rain.

The services of an American entomologist were contracted by the Sociedad Nacional Agraria late in 1938. After due investigation, he reported that the damaging infestations of "melaza" resulted almost entirely from the use of arsenical poisons, and recommended that other insecticides be used, either a mixture of 20 percent cryolite and 80 percent sulphur, finely pulverized, or a mixture of "cube" powder and finely ground sulphur. While Peruvian farmers are not inclined to make a radical change in their methods and customs, it is likely that the consumption of calcium arsenate will be gradually reduced in the future, and that "patent" mixtures will be used more and more as insecticides in the future.

Calcium arsenate has chiefly been used in Peruvian cotton fields since the introduction of dusting from airplanes in 1927. Previously lead arsenate was used, or a mixture of paris green and calcium arsenate.

Peru imports annually about 2,000 tons of agricultural and household insecticides and fungicides. Calcium arsenate is the biggest item. Copper sulphate and calcium cyanide have a substantial use.

Dyes used by the paper making industry in India, approximates 140 tons annually.

Obituaries

Dr. C. K. Francis

Dr. C. K. Francis, technical editor for the *Oil & Gas Journal* and a director of the International Oil Exposition, died in Tulsa, Okla., March 25. His age was sixty-four. Dr. Francis was a chemist and a technical petroleum expert from 1917 until 1926, when he joined the journal. He was a fellow of the Institute of Petroleum Technologists of Great Britain and former Oklahoma chairman of the American Association of Chemical Societies.

Sidney H. Keoughan

Sidney H. Keoughan, president of the Continental Oil Company from 1925 to 1929, died March 27. He was fifty years old. An early oil driller in Louisiana, Texas and Wyoming, Mr. Keoughan rose to the presidency of Continental on a series of mergers of oil companies. In 1931 he went to Germany as president of the North European Oil Company. Later he organized the Mutual Oil Syndicate at Caspar, operating in Wyoming and Colorado.

William J. Stange

William J. Stange, president of the William J. Stange Company, food color manufacturer, Chicago, died March 18 in Los Angeles, Calif., following a short illness. He was sixty-nine years of age. A native of Chicago, Mr. Stange started in the chemical business in 1889, specializing in extracts. He began the manufacture of food colors in 1917.

Charles Earle Bartley, president of the Anglo-American Copper Company, Ontario, Can., died in his home in Chicago, March 26. He was seventy-two years of age.

Homer L. Bennett, district manager of the Natural Gas Company and a director of the West Virginia Oil & Gas Men's Association, died March 24 in Edgewood, W. Va. He was sixty-one years of age.

John P. Flynn, well-known West Virginia oil man and a director of the Quaker State Oil Refining Corporation and the Pennsylvania Grade Crude Oil Association, died unexpectedly of a heart attack at his St. Petersburg, Fla., Winter home March 23. His age was sixty-eight.

Joseph King, traffic manager for the Phelps-Dodge Corporation, died in his home in Paterson, N. J., March 25. He was forty-nine years of age.

Henry O. Neebe, affiliated with the Vita-Var Corporation, Newark, died in a hospital in Newark, March 21.

Mrs. Beatrice Nieder, wife of George Nieder, salesmanager for the Hilton-Davis Chemical Company, Cincinnati, died recently from injuries suffered in an accident. Mrs. Nieder was thirty-five years of age.

Abraham Peters, president of the Holland Aniline Dye Company, Holland, Mich., died on the street near his office after a heart attack. He was sixty-two years old.

Edward A. Sherman, assistant chief of the Forest Service, U. S. Department of Agriculture, died March 28 in his home in Washington, 4103 Military road, N. W. He was sixty-nine years of age.

Matches Wanted by Tunisia

The tobacco and match monopoly of the Tunisian government will purchase, by contract, in the near future, 20,000,000 boxes of matches. Properly accredited United States match manufacturers interested in submitting bids for the contract may obtain further information from the Chemical Division by referring to trade opportunity No. 6483.

UNIFORM
DEPENDABLE

KOPPERS
Coal Tar Solvents
BENZOL—ALL GRADES
TOLUOL—INDUSTRIAL AND NITRATION
XYLOL—10° AND INDUSTRIAL
SOLVENT NAPHTHA—INCLUDING HIGH FLASH
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KOPPERS COMPANY · PITTSBURGH · PENNA.

Coaltar Chemicals

Other Intermediates

—*Continued from page* 35

Orthonitrotoluidin.—Market strong. Demand steady.

Parachlorophenol. — Shipments not very broad. Prices the same.

Paranitroanilin.—Prices retain firmness. Dealings moderate.

Paranitrochlorobenzene. — Transactions routine. Prices were unchanged.

Paranitrophenol.—Regular consumers made necessary replacements.

Paranitrotoluene. — Sellers made shipments to usual consumers.

Phthalic Anhydride.—Shipments to major consumers fairly steady. Prices firm and unchanged.

R. Salt.—Market without new developments. Prices were firm.

Schaeffer's Salt.—Business routine, and prices without change.

Thiocarbanilide.—No expansion occurred in the trading. Prices firm.

Toluidin.—Strong price tone. Demand steady.

Xylidin.—Moderate interest. Prices fully retained.

Coaltar Colors

Buying for the most part remained on a conservative scale last week. Shipments moved fairly steady to consuming channels, but purchases were not far in excess of actual requirements. A satisfactory export demand still existed in some directions. Indications were that prices for the second quarter would remain substantially the same.

January exports of coaltar colors, dyes and stains amounted to 2,685,775 pounds, valued at $1,126,440. Of the total 200,689 pounds went to the United Kingdom; 395,308 pounds to Canada; 144,501 pounds to Mexico; 133,326 pounds to Argentina; 120,395 pounds to Colombia; 882,094 pounds to British India, and 466,695 pounds to China.

Dyestuff Industry History To Be Told on du Pont Hour

The romantic history of the American dyestuffs industry and its rise to a place of world prominence will be described in the commercial part of the Cavalcade of America radio program sponsored by E. I. du Pont de Nemours Company in the weekly coast-to-coast broadcast Tuesday, April 2.

Packaging Competition Awards Are Made

—*Continued from page* 4

requirements of laws prohibiting deception.

Alvin E. Dodd, president of the association, advised against overlooking the fundamental purpose of the package, which is to insure the "safe delivery of the product to the consumer." He warned against stressing "prettiness, exotic design, flashy colors and catchy adaptations of new materials at the expense of the more essential characteristics of the package."

Dr. Jules Labarthe, jr., senior industrial fellow of Mellon Institute of Industrial Research, Pittsburgh, emphasized the importance of the brand name, reporting that such a name that has public acceptance will far outsell products which are informatively labeled but unbranded.

Detergency Terms Defined

Definitions of the scientific terms encountered in laundering and cleaning are presented in the February-March edition of *Cowles Laundry Tips*, houseorgan of the Cowles Detergent Company, manufacturer of detergent materials, Cleveland. Included in the terms defined are many pertaining to detergency and plant cleaning problems generally. Copies of the issue may be obtained by addressing the Cowles Detergent Company, Cleveland, Ohio, mentioning the REPORTER.

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REPUBLIC STEEL REG. U.S. PAT. OFF.

ALSO

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Nitration-Commercial

XYLOLS
3° – 5° – 10° – Commercial

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What You Can Use

Guide to Materials That Are Suitable for Various Purposes in Chemical Converting, Compounding, and Processing Industries

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Three-hundred-twentieth Instalment

Paints

Driers Used in Making Paints

(Continued from March 25 issue)

Zinc salts (continued) of—
- (12) Octyltoluylorthobenzoic acid, secondary
- (13) Octylxyloylorthobenzoic acid, secondary
- (14) Orthoparamethylbenzylbenzoic acid
- (15) Toluyl acid and its derivatives

Zinc sulphate
Zinc tungstate

Drier Stabilizers Used in Paints

(To Prevent Discoloration of Metallic Driers)

1-Amino-5-naphthol
1-Amino-7-napththol
Benzylaminoparaphenol
Betanaphthol
Betanaphthylamine
Diphenylthiourea
1:5-Naphthylenediamine
1:8-Naphthylenediamine
Para-aminophenol
Paraphenylenediamine

Drier Stabilizers Used in Paints

(To Prevent Sedimentation and Gelation in Linoleates, Naphthenates, and Resinates)

Aminophenylacetic acids, mixed
Anthranilichydrocinnamic acids, mixed
Aromatic carboxylic acids
Aluminum naphthenate
Benzoic acid
Benzoylbenzoic acid
Crotonic and arachidic acids, mixed
Diphenylthiourea
Fatty acids of soybean oil
Hippuric and salicylic acids, mixed
Mandelic and cinnamic acids, mixed
Olefinic acid
Palmitic acid
Phthalic acid
Stearic acid
Solid saturated fatty acids (10 percent) or solid free carboxylic acids of the lower members of the olefin or aromatic series

Fire-Resistant Agents Used in Paints

Alum
Aluminum acetate
Aluminum bromide
Aluminum chloride
Aluminum hydroxide
Aluminum iodide
Aluminum ricinoleate
Aluminum silicate
Aluminum sulphate
Aluminum sulphoricinoleate
Ammonia alum
Ammonium bromide
Ammonium carbamate
Ammonium carbonate
Ammonium chloride
Ammonium iodide
Ammonium nitrate
Ammonium oxalate
Ammonium phosphate
Ammonium sulphate
Ammonium-magnesium phosphate
Amyl borate
Amyl silicate
Antimony chloride
Barium chloride
Barium chromate
Barium iodide
Barium phosphate
Borated benzene
Borates
Boric acid
Butyl borate
Cadmium chloride
Cadmium iodide
Calcium arsenate
Calcium chloride
Calcium chromate
Calcium iodide
Calcium oxalate
Calcium phosphate
Calcium sulphate
Cetyl palmitate
Chromium bromide
Chromium chloride
Chromium oxide
Cobalt bromide
Cobalt chloride
Cobalt phosphate
Copper caseinate
Cumarone
Diethyl disilicate
Diethyl oxalate
Diethyl silicate
Disilicic esters
Ethyl borate
Ethyl monosilicate
Ethyl silicate
Glyceryl silicates
Hexaethyl disilicate
Magnesium borate
Magnesium chloride
Magnesium iodide
Magnesium oleate
Magnesium oxide
Magnesium phosphate
Magnesium resinate
Magnesium ricinoleate
Magnesium sulphate
Magnesium sulphoricinoleate
Methyl borate
Methyl silicate
Naphthyl carbonate
Naphthyl phosphate
Oxalic acid esters
Potash alum
Propyl borate
Propyl silicate
Proylenechlorhydrin
Resinates
Resinoleates
Silica
Silicic esters
Sodium bicarbonate
Sodium carbonate
Sodium oleate
Sodium palmitate
Sodium silicate
Sodium stearate
Sodium-ammonium phosphate
Tetraethyl silicate
Triamyl borate
Trichlorophenol
Trinaphthyl phosphate
Triphenyl borate
Triphenyl phosphate
Urea
Zinc acetate
Zinc bromide
Zinc caseinate
Zinc chloride
Zinc ricinoleate
Zinc sulphoricinoleate

Flocculation Causes in Paints

Acidity
Air
Foreign matter
Moisture

Gloss Improvers for Oil Paints

Alphaurethane
2:3-Hyroxynaphthoic acid
2-Methyloxybenzoic acid
Methylolbutylurethane
Salicylic acid
Terpineol

Luminous Agents for Use in Paints

Antimony salts
Barium sulphide
Bismuth nitrate
Bismuth salts
Cadmium salts
Cadmium tungstate
Calcium salts
Calcium sulphide
Calcium tungstate
Cerium salts
Copper salts
Erbium nitrate
Erbium salts
Ionium salts
Lead salts
Magnesium salts
Magnesium tungstate
Manganese salts
Molybdenum salts
Mercury salts
Phosphorogen
Radium bromide
Radium chloride
Radium nitrate
Radium salts
Silver salts
Strontium salts
Strontium sulphides
Thorium chloride
Thorium fluoride
Thorium nitrate
Thorium salts
Uranium nitrate
Uranium salts
Uranous uranate
Uranous chloride
Vanadium nitrate
Vanadium salts

Luster-Producing Agents Used in Paints

Aluminum powder
Bronze powder
Bytuco
Cellulose ester flakes
Fish scales
Graphite
Mica
Pigments of flaky structure

Oils Used in Paints

Acacia-seed, white and yellow, oil
Alfalfa-seed oil
Arbute-seed oil
Asparagus-seed oil
Bebe oil
Beckolin
Berryseed oils
Bilberry-seed oil
Black-sesame oil
Blue-salvia-seed oils
Broiline
Buckthorn-seed oil
Burdock-seed oil
Candlenut oil
Casterol
Castor oil, dehydrated
Chia oil
Chinawood oil
Cicoil
Corn oil
Cottonseed oil
Cranberry-seed oil
Currant-seed oil
Dienol
Durco oil
Evening primrose oil
Fenugreek oil
Fish oils
Galeopsis oil
Grapeseed oil
Gynocardia oil
Halogenated derivatives of divinylacetylene
Hawthorn-seed oil
Hempseed oil
Herring oil
Hopseed oil
Isoline
Japanese wood oil
Katalized oils
Kaya oil
Krutol
Lallemantia oil
Licania oils
Linaria oil
Linkow

(To be continued)

Patent Rights and Price Control

—*Continued from page* 3

substance, which, when added to gasoline used as a motor fuel, increases the efficiency of high-pressure combustion engines in which the fuel is consumed. The Ethyl Corporation owns two patents covering the composition of the fluid, No. 1,592,954 of July 20, 1926, and No. 1,668,022 of May 1, 1928. It has a third patent, No. 1,573,846 of February 23, 1926, claiming a motor fuel produced by mixing gasoline with the patent fluid compound, which is claimed also by the two patents first mentioned. It also has a patent, No. 1,787,419, of December 30, 1930, claiming a method of using fuel containing the patented fluid in combustion motors. The corporation manufactures and sells the patented fluid to oil refiners, solely for use in the production of the improved type of motor fuel. It issues licenses under its patents to refiners and to jobbers of motor fuel on terms and conditions presently to be noted, but it does not charge or receive any royalty for its licenses. It derives its profit solely from the sale of the patented ethyl fluid to its refiner licensees.

The Licensing Agreements

Appellant grants licenses under its patents to most of the large oil refining companies in the United States, to manufacture, sell and distribute motor fuel containing the patented fluid. The licenses provide that appellant will sell to the licensees their requirements of the patented fluid. They prohibit the licensees from selling the manufactured product to any except to other licensed refiners, to jobbers licensed by appellant and to retail dealers and consumers. They require the licensed refiners to mix the patented fluid with the gasoline at their refineries with equipment approved by appellant and in conformity to regulations promulgated by the Surgeon General of the United States and any other governmental body having jurisdiction. The refiners agree to impose obligations on all purchasers to conform to such health regulations and to require them to impose like obligations on those to whom they sell. The refiners agree, upon notice by appellant, to discontinue sales to other refiners or jobbers whose licenses appellant has cancelled. The licenses also provide for the maximum amount of the fluid to be used in the gasoline; and that, within that limit, the licensees' regular or "best non-premium" gasoline shall have a maximum octane rating of 70[1] and shall be sold as the next highest priced motor fuel of the licensee below the licensee's ethyl gasoline, which shall have a minimum octane rating of 76 and shall be sold at a certain fixed price differential above the average net sales price of the licensees' best non-premium grade of commercial gasoline. The licenses further provide the conditions under which the name of the Ethyl Corporation and its trademark or trade-names may be used in connection with the advertising and sale of the patented motor fuel.[2]

Jobbers are generally required by appellant to apply for licenses through the refiners from whom they expect to purchase the motor fuel. The licenses to jobbers purport to grant the right to sell and deliver to retail dealers and consumers within a specified territory regular and ethyl gasoline, manufactured and sold by a designated licensed refiner.[3] The licensed jobbers are required to furnish appellant monthly with a list of all places at which the motor fuel is sold under the licenses. They agree to comply with health regulations relating to the handling of the motor fuel promulgated by the Surgeon General or other governmental agency; to post and distribute any notices concerning the handling of such fuel as required by the appellant; to permit physical examination of employees, and to require customers purchasing for resale to assume similar obligations. Adulteration and dilution of motor fuel distributed under the licenses is prohibited, and requirements similar to those contained in refiner licenses are imposed with respect to the use of appellant's corporate name and trade names in connection with the advertising and sale of the motor fuel. Appellant is given the right to cancel the jobbers' licenses at any time for failure to comply with their terms, and either party may cancel, with or without cause, on thirty days' written notice.

Effect of the Licensing Agreements on the Oil Industry

The licensing system established by appellant affects and controls the business of the major part of those engaged in manufacturing and distributing motor fuel oil in the United States. Appellant issues licenses to 123 refiners, including every leading oil company, except one, the Sun Oil Company, which does not generally do business through jobbers. They refine 88 percent of all gasoline sold in the United States, and the gasoline processed by them under the license agreements is 70 percent of all the gasoline thus sold, and 85 percent of all gasoline processed to obtain a high octane rating.

Any jobber in the United States desiring to sell lead-treated gasoline must secure a license from the Ethyl Corporation, revocable at its will, before it can procure the gasoline from licensed refiners. Of the 12,000 jobbers doing business in the United States approximately 11,000 are licensed by appellant. The jobber must procure a new license on changing his source of supply. The greater part of all gasoline treated with the patented fluid is sold and transported in interstate commerce. It is sold in part through wholesale and retail outlets owned and controlled by the refiners and in part to individual retailers and consumers. A large volume and a substantial part of the whole is distributed through licensed jobbers to whom it is delivered at their bulk storage plants through the channels of interstate commerce.

By their terms, the licensing agreements serve to exclude all unlicensed jobbers from the market, and in the particulars already mentioned, and in others presently to be discussed, they control the conduct of the business of licensed jobbers in the distribution of the patented motor fuel and enable appellant at will to exclude others from the business. The refiners' licenses also in terms place restraints on the sales price of refiners by establishing the prescribed differential between regular and ethyl gasoline. From this and from the other stipulated facts the Government argues that the control acquired through the licensing agreements over the refiners and jobbers has been used by appellants to control the business practices of the jobbers and particularly to maintain resale prices of the patented motor fuel in unlawful restraint of interstate commerce. In support of this contention it relies upon the long established practice of appellant to refuse to grant licenses to jobbers who cut prices or refuse to conform to the marketing policies and posted prices of the major refineries or the market leaders among them.

Decision Below and Contentions of Appellants

The trial court concluded that in view of the indefinite language of the stipulation it was perhaps a permissible, though not a necessary conclusion that an agreement or understanding for the maintenance of prices existed between the appellant and the jobber licensees. But it considered it unnecessary to decide this issue, since it found that the appellant's licensing practices affecting the jobbers, in conjunction with the agreements and cooperation of the licensed refiners, had been used by appellant as the means of excluding from the market the unlicensed jobbers who do not conform to the market policies and posted gasoline prices adopted by the major oil companies or the market leaders among them, and that appellant uses the control thus established to coerce adherence to those policies and prices generally by the licensed jobbers, and that this restriction upon the industry effected through the license contracts with refiners and jobbers was not within appellant's patent monopoly, and operated unreasonably to restrain interstate commerce in the processed gasoline.

It concluded that the licensing system was not, as appellant argues, necessary for the protection of such legitimate interests as the patentee had in the protection of the quality of the treated gasoline sold upon the market, and its use by the jobbers with safety to the public health. Appellants were accordingly enjoined from enforcing or attempting to enforce or including in any subsequent agreement provisions that refiners shall sell lead-treated gasoline only to licensed jobbers, and from requiring or attempting to require jobbers to secure licenses, and from enforcing or attempting to enforce the provisions of any outstanding jobber licenses. The decree also declared the jobber licenses illegal and required appellant to notify the jobbers that the licenses have been cancelled.

Appellant, insisting that it does not use the jobbers' licensing system to maintain prices, makes two principal attacks on the decree. It urges that the licensing of the refiners and jobbers, the restraints upon the sale of the patented fuel by the refiners, and the restrictions placed upon the jobbers, are all reasonably necessary for the commercial development of appellant's patents and for insuring a financial return from them, and are therefore within its patent monopoly. In any case, it is said that the conditions attached to the refiners' and jobbers' licenses are appropriate and reasonably adapted to the maintenance of the quality of the product and for the protection of the public in its use of a product containing a dangerous poison, and both are essential to the maintenance of the market for the patented fuel, on which the market for appellant's patented fluid depends. And since the jobbers' licenses are a necessary or appropriate means of protecting the interests of appellant and the public in the quality and safe use of the patented product, it is argued that the decree abolishing the whole system of jobbers' licenses went further than was necessary or proper to prevent such restraint as there may have been exerted on the jobbers with respect to prices and marketing policies.

Relation of the Licensing Agreements to Price Maintenance

For the moment we may lay to one side the particular restrictions enumerated in the contracts of the refiners with jobbers, and turn to the relation of appellant's licensing policy to the maintenance of price policies by the jobbers. While the trial court found no contract or agreement which purports to prescribe resale prices or to exact any price policy of the jobbers, the stipulation of facts shows that appellant, through its patents, its contracts, and its licensing policy, has acquired the power to exclude at will from participation in the nationwide market for lead-treated motor fuel all of the 12,000 motor fuel jobbers of the country, by refusing to license any of the 1,000 unlicensed jobbers, or by cancelling, as it may at will, the licenses of any of the 11,000 licensed jobbers. This we assume, for present purposes, it could lawfully do by virtue of the power conferred by its patent to exclude any or all others from selling the patented product. But it does not follow that it can lawfully exercise that power in such manner as to control the patented commodity in the hands of the licensed jobbers who had purchased it, or their actions with respect to it in ways not within the limits of the patent monopoly, and conspicuously among such controls which the Sherman law prohibits and the patent law does not sanction is the regulation of prices and the suppression of competition among the purchasers of the patented articles. That appellant, by the plan and scope of its licensing policy, has acquired vast potential power to accomplish that end cannot be doubted. And we think the record supports the finding of the trial court that appellant has exercised that power continuously for a considerable period as a means of control over the price policies of the licensed jobbers.

From the stipulation of facts, it appears that since 1929 appellant has pursued the practice of investigating, through field agents, the "business ethics" of jobbers applying for licenses, and of rejecting such applications upon the adverse report of the agent. Appellant admits that the phrase "business ethics" is used to denote compliance with "marketing policies and prevailing prices of the petroleum industry," which are the "marketing policies and posted prices of the major oil companies or the market leaders among them." Among these is the Standard Oil Company of New Jersey which owns one-half of the capital stock of the appellant[4]. While not all applicants who have failed to maintain prices and marketing policies have been rejected, the record leaves no doubt that appellant has made use of its dominant position in the trade to exercise control over prices and marketing policies of jobbers in a sufficient number of cases and with sufficient continuity to make its attitude toward price cutting a pervasive influence in the jobbing trade.

In many instances, although not in all, an adverse report by the investigator as to the applicant's business ethics has been the sole ground for rejecting his application, and appellant admits that the greater number of applications for licenses which have been denied were rejected because of such an adverse report. In the cases in which licenses have been refused, something less than one-half of the rejected applicants were later granted licenses on their assurance that their marketing practices would be changed. The total number of rejections for failure to comply with that standard does not appear, for appellant has failed to keep any record of the ground of rejection of applications for licenses, admittedly because it is reluctant to preserve in its records "the extent to which maintenance of prices and marketing policies by jobbers entered into the granting of licenses."

Jobbers' licenses do not appear to have been cancelled because of failures to maintain policies or prices of the major oil companies whenever they have occurred, but it is an established practice of appellant to investigate the business ethics of licensed jobbers in order to ascertain whether they maintain the marketing prices, policies and practices prevailing or ostensibly prevailing in the industry. Representatives of appellant have from time to time, but not in every case, reported a jobber to his supplier or refiner for not maintaining the marketing policies of the latter, and in some cases they have united in persuading the jobber to mend his ways. Appellant has generally required each licensed jobber to purchase all his treated fuel from a single refiner and in some instances has refused a license to jobbers who wished to change their source of supply from one licensed refiner to another.

These long-continued practices have had the effect upon the industry naturally to be expected. Large numbers of refiners and the majority of jobbers believe that the jobbers must maintain the required business ethics in order to obtain licenses, and a number of licensed jobbers believe that they are required by appellant's licensing practices to maintain prices and abide by the marketing practices of the major oil companies. Appellant, in its printed instructions to field representatives as to the manner of conducting investigations of licensed jobbers, after pointing out that one of the reasons for the investigation of the jobber before the issuance of the license is to insure that he "will not resort to unethical methods in competing with our other licensed jobbers and refiners," and after describing the methods of conducting the investiga-

[1] The utility of lead-treated gasoline for use in high compression engines is expressed in terms of octane numbers, an arbitrary scale of measurement indicating the relative degree of compression to which the fuel may be subjected without causing "knock" in the engine, which is prevented or reduced by the use of the fuel. The octane rating of motor fuel increases with the amount of the patented fluid added to the gasoline which, in any case, is small. Appellants licenses to refiners authorize the manufacture of gasoline of high octane rating, 68 or more, of two classes, "regular," in which there is one part of tetraethyl lead to 4200 parts of gasoline, and "ethyl gasoline," in which there is one part of tetraethyl lead to 1700 parts of gasoline.

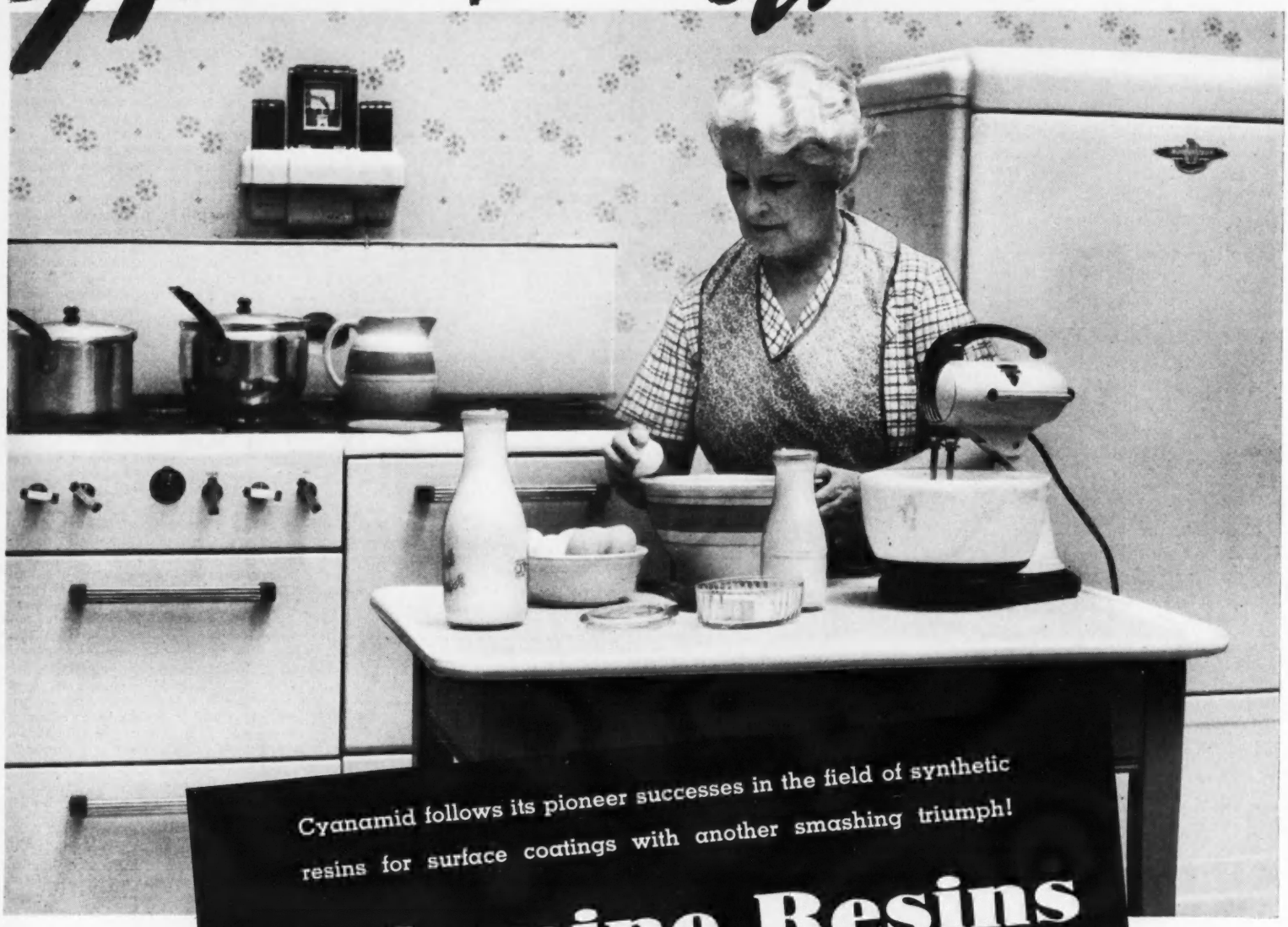
[2] The name of the Ethyl Corporation and its trademark or trade-names, "Ethyl" and "Q," may not be used in connection with the advertising and sale of regular gasoline. All the licensees, with the exception of the Standard Oil Company of New Jersey, which markets the product under the name "Esso," are required to use the word "Ethyl" in connection with the sale and distribution of the Ethyl gasoline.

[3] The only obligation which the licensor assumes toward the jobbers is to defend them against patent and trademark infringment suits.

[4] The remainder is owned by General Motors Corporation and E. I. du Pont de Nemours Company.

—*Continued on page* 58

Another smashing triumph!



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They deserve your immediate attention because of the unprecedented opportunities they offer for improving your baking enamels in such characteristics as

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OUR TECHNICAL STAFF will gladly assist in the selection and proper use of MELAMINE RESINS in specific applications.

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Paint, Varnish, Lacquer Materials

Pig Lead Reduced Again But Oxides Remain Unchanged—Carbon Black Prices Advanced Today — General Market Firmer—Rosin and Turpentine Offerings Freer

Pig lead was lowered on March 27, marking the second reduction in the metal within ten days. Little interest was shown at the new price, and it was pointed out that with April requirements mostly covered there is little hurry to buy. Prominent factors in the market stated they would not be surprised if another reduction should take place. The lead oxides were not influenced by the drop in the metal, although the prices will be lowered if lead goes down another five points per pound. Aluminum was reduced early in the week and prices for aluminum powder and paste were lowered later.

The market for raw paint materials was slightly firmer during the period with small gains in sales volume reported for most products. Carbon black was in better call from tire manufacturers and sellers reported heavier shipments to paint and ink makers. The scheduled advances for grades of this black go into effect today. Scarlet ink toner was advanced but trade was quiet. There was a healthier interest in casein which had been weak for several previous weeks. Prices firmed with the better demand. Pigments were moving satisfactorily, paced by titaniums and zinc oxides. Rosin and turpentine offerings were somewhat freer and at times the trend of prices was downward. New business was quiet but there was a steady movement into consuming channels on contracts. Receipts were light.

Metallic Lead and Zinc

Lead prices were reduced $2 per ton on March 27. This was the second reduction in ten days. The new New York price is now 5.5c. to 5.10c. per pound. St. Louis is 4.90c. Despite the lower price, however, trading continued dull. Slab zinc was routine and unchanged.

Lead.—Prevailing spot prices at New York, East St. Louis and London for the period from March 23 to March 29, inclusive, were as follows:—

	Pigs		Spot. London.
	Per pound		Per ton
	New York.	E. St. Louis.	£ s. d.
Saturday	$0.0515@.0520	$0.0500	.. .. ..
Monday	.0515@.0520	.0500	.. .. ..
Tuesday	.0515@.0520	.0500	.. .. ..
Wedn'sd'y	.0505@.0510	.0490	.. .. ..
Thursday	.0505@.0510	.0490	.. .. ..
Friday	.0505@.0510	.0490	.. .. ..

* London exchange closed.

Zinc. — Prevailing spot prices at New York, East St. Louis and London for the period from March 23 to March 29, inclusive, were as follows:—

	Slabs		Spot. London.
	Per pound		Per ton
	New York.	E. St. Louis.	£ s. d.
Saturday	$0.0515	$0.0575	.. .. ..
Monday	.0515	.0575	.. .. ..
Tuesday	.0515	.0575	.. .. ..
Wednesday	.0515	.0575	.. .. ..
Thursday	.0515	.0575	.. .. ..
Friday	....	....	.. .. ..

* London exchange closed.

Pigments

Litharge.—Better demand reported. Price unchanged.

Lithopone.—Trade satisfactory. Quotations steady.

Metronite.—Demand normal. Price firm.

Orange Mineral.—Pick up in sales reported. Price unchanged.

Red Lead.—Quotations unaffected by metal reduction. Shipments heavier.

Titanium Pigments. — Heavy sales volume reported. Prices firm.

White Lead.—Consumers more active. Market firm.

Zinc Oxides. — Good movement to automobile finishers. All prices steady.

Fillers and Extenders

Barytes. — More consumer activity. Price steady.

Blanc Fixe.—No noteworthy changes reported. Prices very firm. Supplies a bit more available.

China Clay.—Contracting for second quarter deliveries satisfactory. Spot sales off. Price steady.

Price Changes

Advanced

Black, carbon, regular, uncompressed, c.l., ¼c. per lb.
l.c.l., 1c. per pound, f.o.b. whse. dlvd., ½c. per lb.
beads, compressed, c.l., .225c. per lb. l.c.l., ½c. per lb., f.o.b. whse.
bulk, c.l., 1/5c. per lb.
Red, scarlet ink toner, 5c. per lb., dlvd.

Reduced

Aluminum paste, lining extra fine, 1c. per lb.
ink, 1c. per lb.
standard, 1c. per lb.
powder, lining, extra fine, 1c. per lb.
standard, 1c. per lb.
litho, extra brilliant, 1c. per lb.
extra fine, 3c. per lb.
lining, 1c. per lb.
standard, 1c. per lb.
rubber compound, 1c. per lb.
unpolished, 1c. per lb.
varnish, extra brilliant, 1c. per lb.
extra fine, 3c. per lb.
standard, 1c. per lb.
Lead, metallic, $2 per ton.
Rosin, gum, 5c. to 10c. per 280 lbs.
Shellac, T.N., 1c. per lb.
superfine, 1c. per lb.
D.C., 1c. per lb.
garnet, 1c. per lb.
Turpentine, gum, 1½c. per gal.

Comparative Values

Index numbers compiled from eleven typical paint and varnish materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
126.2	**126.2**	**126.2**	**131.7**

Market news that may have developed after this report was sent to press will be found on page 4.

Graphite.—Sales normal and price firm.

Gypsum.—Sales better at firm price.

Mica. — Deliveries normal. Trade routine. Price steady.

Rottenstone. — Market more active. Quotation unaltered.

Talc.—French material nominal and scarce. Price firm.

Tripoli.—Normal and routine. Price at previous level.

Woodflour.—Norwegian material scarce. Price nominal.

Naval Stores

Offerings of turpentine and rosin in the Savannah market were larger last week and, although the increase was not very pronounced, it was sufficient to give prices a downward trend at times. Receipts continued light, however, and the undertone of the market was regarded as firm. The movement in the South to consumers and dealers on contracts apparently held up well for this period of the year, but new business was quiet, many buyers being disposed to adhere to a conservative course in purchasing operations.

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

Roll in the Barrels
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PARADURA 540
an outstanding heat-hardening 100% pure phenolic.
PARANOL 54-E
an extremely hard, modified phenolic, very pale and soluble in mineral spirits.
PARANOL 1650
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and Roll out Better Finishes

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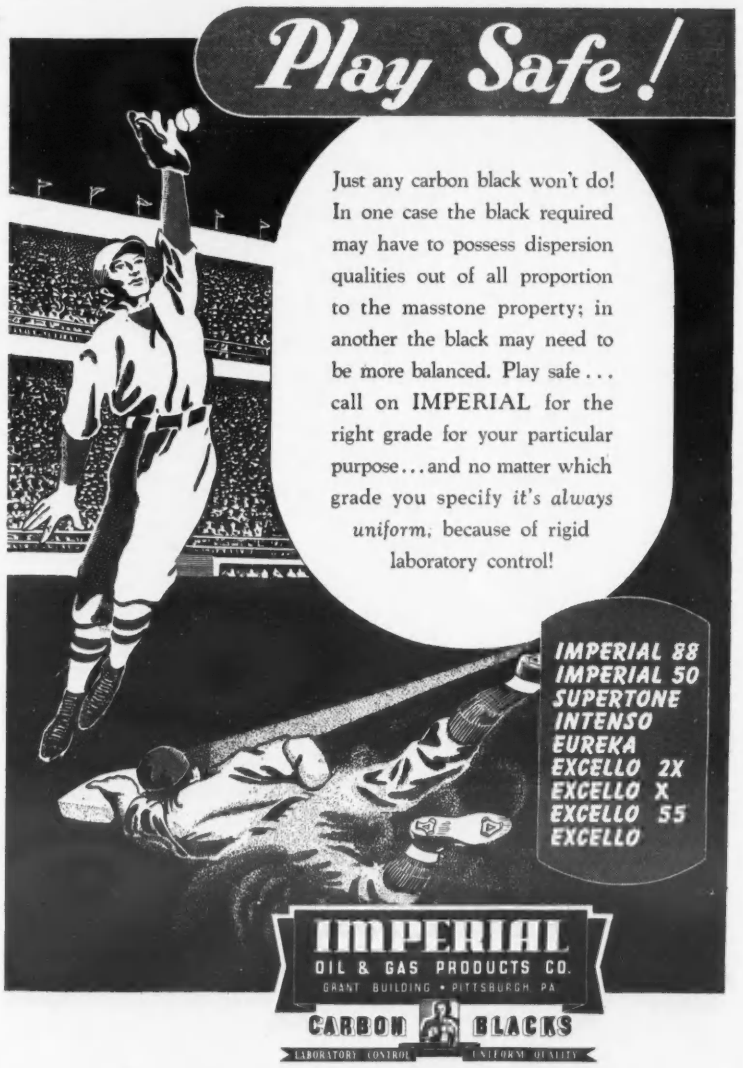
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Just any carbon black won't do! In one case the black required may have to possess dispersion qualities out of all proportion to the masstone property; in another the black may need to be more balanced. Play safe . . . call on IMPERIAL for the right grade for your particular purpose . . . and no matter which grade you specify it's always uniform, because of rigid laboratory control!
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IMPERIAL 50
SUPERTONE
INTENSO
EUREKA
EXCELLO 2X
EXCELLO X
EXCELLO 55
EXCELLO
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Business at Jacksonville continued slow so far the open market was concerned and members of the trade at that point voted on Wednesday to close the official market during the month of April. This action was taken because of the confusion resulting among buyers over the wide difference between the quotations at Savannah and those at Jacksonville, the prices at the latter point being mainly nominal owing to the lack of transactions much of the time for many months past while those at Savannah represented actual sales.

At Savannah the rules governing transactions in rosin have been amended to provide for the recording of sales of rosin in drums, effective today. This action was taken owing to the increasing sales of rosin in steel containers. Under the amended rules, the rosin in such containers shall be sold by the unit of 230 pounds net weight.

CCC Loan Holdings

The following table shows the stocks of rosin and turpentine held March 21 by the CCC under loans on the 1938 and 1939 crops:—

	Rosin— 1938.	1939.	*Turpentine. 1939.
Savannah, bbls..	99,027	50,235	.....
drums	11	2,633	.....
Jack'ville, bbls..	174,082	114,239	1,232,139
drums	.....	11,335	.....
Brunswick, bbls.	92,099	85,524	180,822
drums	190	2,321	.....
Mobile, bbls.....	13,308	7,067	.....
drums	761	4,981	.....
Pensacola, bbls..	25,516	17,694	.....
drums	72	3,162	.....
Valdosta, bbls...	120,743	132,706	1,393,355
drums	636	29,686	.....
Wiggins, bbls...	.....	282	.....
drums	.....	6,019	.....
Estill, bbls.....	.....	696	.....
drums	.....	6,307	.....
Helena, bbls.....	.....	53,509	1,007,166
drums	.....	49,426	.....

* Gallons.

Turpentine.—An easier situation at Savannah, due to some increase in offerings, was reflected in a decline here early in the week, but the undertone of the market was regarded as firm. Business in the local market remained quiet.

SAVANNAH, March 29.—Turpentine quiet. Following is a record of the market for the week:—

	Cents (gal.)	Barrels— Sales.	Re- ceipts.	Ship- ments.	On hand
*Saturday ..	..	...	...	...	.....
Monday	30½	119	17	776	11,432
Tuesday	30¾	73	47	40	11,439
Wednesday ..	30½	31	57	...	11,496
Thursday ...	30½	49	33	...	11,529
Friday	31	28	54	196	11,387

* No trading.

JACKSONVILLE, March 29.—Turpentine dull. Following is a record of the market for the week:—

	Cents (gal.)	Barrels— Sales.	Re- ceipts.	Ship- ments.	On hand
*Saturday ..	..	...	...	...	.....
Monday	31	...	16	100	36,889
Tuesday	31	...	10	...	36,899
Wednesday ..	31	...	33	282	36,650
*Thursday ..	..	...	18	3	36,665
*Friday	..	...	19	17	36,278

* No trading.

PENSACOLA, March 23.—Turpentine steady. Following is a record of the market for the week:—

	Barrels— Re- ceipts.	Ship- ments.	Stocks.
Monday	4	106	11,270
Tuesday	...	...	11,270
Wednesday	...	...	11,270
Thursday	...	...	11,270
Friday	3	122	11,151
Saturday	...	...	11,151

Chicago—March 29

Turpentine demand fair. Five-drum lots, 42c. per gallon; five wood barrels, 47c.; single drums, 45c.; single barrels, 50c.

LONDON, March 29.—Turpentine 54s. 9d. per 112 pounds. Stocks of American as follows:—

	March 29.	Previous week.	Last year.
Barrels	16,350	16,390	23,590

Rosin.—The local market was quieter last week, such transactions as were noted being limited to small quantities to fill the current needs of consumers. Quotations on some grades had a downward trend at times, but changes were generally narrow.

PENSACOLA, March 29.—Rosin quiet. Following is a record of the market for the week:—

	Barrels— Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Receipts.	22	...	...	...	57	...
Shipments	...	...	...	295	218	...
Stocks	53,512	53,512	53,512	53,217	53,036	53,036

RAYOX—Pure Titanium Dioxide
RAYCAL—Titanium Calcium Pigment
SURFEX—Surface-Treated Calcium Carbonate
DURITE—Pure Phenolic Resin
PEERLESS CLAY—Domestic China Clay

RAYBAR—Titanium Barium Pigment
RAYSIL—Titanium Silicate Pigment
PYRAX—Ground Pyrophyllite
MULTIFEX—Colloidal Calcium Carbonate
THERMATOMIC BLACKS—Carbon Blacks of Low Oil Absorption

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SAVANNAH, March 29.—Changes in rosin quotations were moderate. Following is a record of the market for the week:—

	Price per unit—Low of range quoted					
	*Sat.	Mon.	Tues.	Wed.	Thurs.	Fri.
B ...	...	$4.75	$4.75	$4.85	$4.85	$4.85
D ...	...	4.80	4.80	4.85	4.85	4.85
E ...	...	5.10	5.10	5.10	5.10	5.10
F ...	...	5.25	5.25	5.45	5.40	5.40
G ...	...	5.47½	5.47½	5.45	5.45	5.45
H ...	..	5.50	5.50	5.50	5.50	5.50
I ...	...	5.55	5.50	5.50	5.50	5.50
K ...	...	5.57½	5.50	5.50	5.50	5.50
M ...	...	5.60	5.50	5.52½	5.52½	5.52½
N ...	...	5.62½	5.50	5.52½	5.52½	5.52½
WG ..	...	5.65	5.75	5.75	5.75	5.75
WW..	...	6.20	6.20	6.20	6.20	6.20
X ...	...	6.20	6.20	6.20	6.20	6.20
	Barrels					
Sales...	...	407	48	283	22	...
Receipts.	...	395	454	251	388	262
Shipments	...	2,849	863	282	350	328
Stocks...	...	...	...	...	...	173,178

* No trading.

JACKSONVILLE, March 29.—Rosin remained dull. Following is a record of the market for the week:—

	Price per unit—Low of range quoted					
	*Sat.	Mon.	Tues.	Wed.	*Thurs.	*Fri.
B	...	$4.50	$4.50	$4.50	...	...
D	...	4.75	4.75	4.75	...	...
E	...	5.15	5.15	5.15	...	...
F	...	5.15	5.15	5.15	...	...
G	..	5.15	5.15	5.15	...	...
H	...	5.15	5.15	5.15	...	...
I	...	5.15	5.15	5.15	...	...
K	...	5.50	5.50	5.50	...	...
M	...	5.55	5.55	5.55	...	...
N	...	5.55	5.55	5.55	...	...
WG ..	...	5.65	5.65	5.65	...	...
WW ..	...	6.20	6.20	6.20	...	...
X	...	6.20	6.20	6.20	...	...
	Barrels					
Sales...	...	...	...	...	...	...
Receipts.	...	119	43	227	...	173
Shipments	...	335	4	200	826	531
Stocks...	...	...	...	...	...	318,861

* No trading.

Chicago—March 29

Business in rosin seems to be fair. B grade, $7.85 per lot of 280 pounds; G grade, $8.45; M grade, $8.55; W.W., grade, $9.20.

LONDON, March 29.—Rosin, W.W., 35s. per cwt.

Pine Oil.—Prices maintained. Tone steady. Trade quieter.

Pitch.—Spot quotations stationary and tone firm. Business slow.

Rosin Oil.—Demand limited to small lots. Prices unaltered.

Tar.—Fair movement of moderate lots. Quotations steady.

Dry Colors

Bone Black.—Market firm. Sales slightly heavier.

Carbon Black.—Paint and ink makers more active. Tire manufacturers heavy buyers. Prices to be advanced effective today. In carload lots the regular uncompressed in bags will be increased ¼c. per pound to 2.80c., f.o.b. plants, and 3.675c., f.o.b. North Atlantic ports, while the beads or compressed material in bags will be hiked .225c. per pound to 2.65c., f.o.b. plants, and 3.525c. f.o.b. North Atlantic ports. Carload lots of bulk material will be upped 1/5c. per pound to 2.50c., f.o.b. plants, and 3.38c., f.o.b. New York harbor Less carload lots of compressed material will be advanced ½c. per pound to 6¼c. and uncompressed increased 1c. per pound to 6¾c., both f.o.b. warehouse. The delivered price will be advanced ½c. per pound to 6¾c. for the uncompressed, but the other regular grade will be unchanged at 6¼c. per pound. Less carload lots of material will be delivered in bags or cartons at the seller's option.

Chrome Green.—More interest in C.P. material. Firm.

Chrome Yellow.—Slight pick-up in sales reported. Price steady.

Iron Blues.—Movement of stocks to consumers heavier. Milori and Chinese blues firm.

Mercuric Oxides.—Slow, but firm.

Ocher.—No changes from previous week. Trade routine.

Scarlet Ink Toner.—Advanced 5c. per pound to 55c., delivered. Sales light.

Toluidine Toner.—Consumption heavier. No price change.

Ultramarine Blue.—Firm and normal.

Vermilion.—Market dull. Wide price range for English material still in force.

Driers

Palmitates.—Contracting for second quarter delivery active. Spot demand light.

Stearates.—Contracting held interest of consumers and suppliers. Shipments light. Prices firm.

Synthetic Resins

Ester Gum.—Contract negotiations fairly brisk. Spot sales light and deliveries smaller than previous period. No price change.

Chlorinated Rubber.—Normal and unchanged.

Varnish Gums

Copals.—Firm market abroad. Domestic markets quiet and firm.

SVCO

Ultramarine Blue
Alkali Blue Toner
Dyestuffs
Methyl Violet Toners
Blanc Fixe
Iron Blues
Para Toners
Toluidine Toners
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Dammars.—No changes reported. Market quiet.

Elemi.—Quiet but firm here. Foreign sources active.

Lacquer Materials

Demand for most lacquer materials and solvents continued on a moderate scale last week. While business failed to broaden to any extent, shipments against contracts held steady. Sellers report satisfactory amount of export business. Prices were without change, and the general tone of the market continued firm. Statistics released by the Department of Commerce showed cellulose acetate and nitrocellulose production and shipments receding from January.

Acetone.—Market position strong. Domestic and export demand steady. Prices firm and unchanged.

Alcohol Butyl.—Prices remain firm. Moderate shipments against contracts.

Cellulose Acetate.—No change in prices with tone of market steady to firm. Business steady. February production sheets, rods and tubes 636,834 pounds, against 988,719 pounds in February, 1939.

Dibutyl Phthalate.—Satisfactory interest from plastic and lacquer trade. Prices were firm.

Ethyl Acetate.—Shipments continued to move at steady pace. Prices were the same and firm.

Isopropyl Acetate.—Some spottiness in the demand. Prices well maintained.

Nitrocellulose.—Quotations unchanged and firm. Withdrawals moderately active. February production sheets, rods and tubes 1,019,602 pounds, compared with 1,049,295 pounds in February a year ago.

Tricresyl Phosphate.—New business less active. Good export inquiry. Prices without change, and market tone one of firmness.

Shellac

Shellac prices were reduced on spot last week when declines in the rate of Sterling exchange permitted imports from Calcutta at lower cost to local importers. T. N. was down to 14½c. to 15c. per pound; superfine, 15½c. to 16c.; Diamond I, 27c. to 27½c.; garnet, 20c. to 20½c. No change was made in quotations on bonedry. Reports concerning business said that new orders were small in total volume

—*Continued on page 61*

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Oils, Fats, and Waxes

Refined Cottonseed Oil Futures Weaker with Lard—Hogs Lower —Chinawood Oil Available at Moderate Concessions—Lard, Neatsfoot and Oleo Oils Reduced — Business Quiet

Small-lot transactions were still the rule in the market for miscellaneous oils, fats, and greases last week. In some instances a fair request was noted for such quantities, but the movement for the period was unimportant and rather disappointing to not a few sellers. Supplies in the hands of many consumers are believed to be light, but the trend of hogs, lard and cottonseed oil continued downward and buyers of other oils and fats were still disinclined to purchase in advance of immediate needs. The drift of prices was downward.

A development of interest in the list of vegetable oils was a reduction in quotations on chinawood oil, the easier situation being attributed to lack of demand and keener competition among importers. The abnormally low prices prevailing for lard failed to stimulate domestic trade, and the export movement continued light, the clearances for foreign destinations for the season thus far showing a decrease of more than 35,000,000 pounds as compared with last season.

Chinawood Oil

The local market for chinawood oil had an easier tone. There was apparently no decided change in the situation abroad but owing to the sluggishness of trade here offerings were somewhat freer and at moderate concessions in prices. Leading interests made no change in quotations. There were reports of offerings from other importers, however, at 25¼c. to 25¾c. per pound in tank cars, with oil in drums quoted one cent higher. Some business was reported to have been closed at the lower level but the volume was apparently not of much importance.

SAN FRANCISCO, March 27.—Chinawood oil easier. Sales reported at 24¾c., with sellers willing to do business today on basis of 24¼c. per pound in tankcars, f.o.b. Pacific Coast ports.

Vegetable Oils

Coconut.—Crude steady. Occasional inquiries noted for small lots. Refined quiet. Prices maintained.

Corn.—Offerings of crude oil continued light. Fair inquiry. Tone steady.

Cottonseed. — Edible oil selling schedules unchanged. Fair request for moderate quantities.

Oiticica.—Better inquiry noted. Spot stocks light or moderate. Quotations on liquid oil ranged from 19c. per pound upward.

Olive. — Quotations on foots and edible oils generally held at previous levels. Denatured oil shaded one cent. Primary situation reported firm. Fair inquiry here.

Palm. — Somewhat better request for moderate lots of Niger. Spot and shipments offerings light.

Perilla.—Quiet and nominal in absence of any increase in supplies.

Rapeseed.—Quiet and steady. Spot stocks generally small.

Sesame. — Occasional inquiries reported for small lots of refined. Market steady.

Soybean.—Inquiry for crude and refined reported somewhat better. Market steady.

Teaseed. — Quiet and steady. Spot and shipment offerings light. Quotations nominal.

Markets at Other Centers

Chicago, March 29.—The general vegetable oil market is fairly steady. Buying fair.

COCONUT.—Coast basis, 2¾c. to 3c. per pound, nominal. Refined, edible oil, 8¾c. to 9c. per pound, drums, car lots; and 9¼c. to 9½c., drums, less than car lots.

CORN.—Crude, low acid, 6¼c. to 6⅜c. per pound, nominal. Refined, edible oil, 8¼c. to 8½c. per pound, drums, car lots; and 8¾c. to 9c., drums, less than car lots.

SOYBEAN.—Crude, 5½c. to 5¾c. per pound, March-forward.

The market for soybeans on the Chicago Board of Trade was irregular in company with other commodities. Following is a price record, per bushel, for the week:—

	High.	Low.	Closing Mar. 29.	Closing Mar. 22.
Cash, No. 2.	$1.13¼	$1.10½	$1.11	....
May	1.13	1.10	1.10½	$1.12⅛
July	1.10	1.07	1.07¼	1.09

San Francisco, March 27.—Trade in vegetable oils generally quiet. Price trend downward.

COCONUT.—Quoted 2¾c. per pound, tankcars, f.o.b. Pacific Coast ports and/or mills. Believed sellers would accept 2⅝c. on bids. Trade dull.

COPRA.—Tone easier. Business placed on a fairly good scale at 1.65c. per pound, c.i.f. Pacific Coast ports. Reports here this morning state some quarters in Philippines willing to let go at 1.60c.

OITICICA.—Raw, liquid oil, 18½c. to 19c. per pound in drums, f.o.b. Pacific Coast ports for forward shipment from Brazil.

COTTONSEED. — Domestic bleachable oil 6⅞c. per pound in tankcars, f.o.b. mill, Northern California.

PERILLA.—Offerings and supplies absent, both in first hands and resale. Japan still indicates possibility April-May shipments, but quotes no prices. Crushers here reported bidding as high as $80 per ton for seed, ex-dock, San Francisco, unsuccessfully.

RAPESEED. — Refined denatured oil sold at 8½c. per pound in tankcars, f.o.b. San Francisco, out of spot stocks.

TEASEED. — New crop oil higher. Quoted 12½c. per pound, drums.

WALNUT.—Crude California oil quoted 7½c. per pound in tankcars, f.o.b. Pacific Coast. Refined 8½c. Business placed for consumption in paint channels.

SESAME.—Nominal. Last reported offerings on crude grade at 8⅝c. per pound in tankcars, f.o.b. mill, Coast, which is apparently too high to warrant business.

Price Changes

Advanced

None

Reduced

Chinawood oil, ½c. per lb.
Cottonseed oil, crude, ¼c. per lb.
Lard, 20c. to 25c. per 100 lbs.
Lard compound, 25c. per 100 lbs.
Lard oil, ⅜c. to ¾c. per lb.
Neatsfoot oil, ¼c. to ½c. per lb.
Oiticica oil, ½c. per lb.
Oleo oil, ½c. per lb.
Olive oil, denatured, 1c. per gal.
Stearin, ¼c. per lb.
Tallow oil, ¼c. per lb.

Comparative Values

Index numbers compiled from twenty-three typical oils, fats and greases on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
104.2	**106.3**	**106.7**	**98.9**

Market news that may have developed after this report was sent to press will be found on page 4.

Linseed Oil

Flaxseed prices irregular. Linseed oil, cake and meal steady. Receipts of flaxseed at New York last week 504,661 bushels. India shipped to Europe 20,000 bushels.

Flaxseed—DULUTH, March 29.—Flax prices unsettled and premiums, compared with Minneapolis May, have fallen off. Better soil conditions in the Northwest and some high pressure hedging depressed prices. Supplies here 32,000 bushels.

The week's closing price range was as follows:—

	Cash.	May.	July.
Saturday	$2.01	$1.98	$1.97
Monday	2.02¾	1.98¾	1.97
Tuesday	2.02	1.98¾	1.97
Wednesday	2.00½	1.98	1.96
Thursday	2.00	1.97	1.96
Friday	1.99¾	1.96	1.95

Crop movement in bushels follows:—

	Receipts 1940.	Receipts 1939.	Shipments 1940.	Shipments 1939.
This week	633	.....	.....	.....
Since Aug. 1.	3,983,633	1,586,037	1,835,800	1,535,900

MINNEAPOLIS, March 29.—Cash flax tone continued easy through the week after a loss of 5c.-7c. in values as compared with the futures. Daily offerings continued moderate but the withdrawals of crusher and seed house buyers caused premiums to decline rapidly. There is a large volume of flax being held for seed purposes and many growers are releasing some of this seed reserve because they feel that there is an oversupply in many territories. Elevator stocks decreased 15,000 bushels in three days compared with an increase of 10,000 bushels last year.

Weather conditions in the Northwest have shown steady improvement in the past thirty days, and while the subsoil deficiency has not been corrected there is a better outlook for Spring planting. Snow has blanketed the flax belt in varying quantities during the past week and a much more optimistic view is given by field observers. Precipitation in the flax belt was only slightly over 50 percent of normal for the September-February period and further good moisture is needed to make up this loss before planting starts.

The week's closing price range was as follows:—

	Cash.	May.	July.
Saturday	$2.01	$1.96	$1.95½
Monday	2.02¾	1.97¾	1.95½
Tuesday	2.02	1.97	1.95½
Wednesday	2.00½	1.95½	1.94
Thursday	2.00	1.95	1.93¼
Friday	1.99¾	1.94¾	1.93¼

Crop movement in bushels follows:—

	Receipts 1940.	Receipts 1939.	Shipments 1940.	Shipments 1939.
This week	22,000	16,800	16,100	9,600
Since Sept. 1.	4,005,000	1,590,740	1,851,900	550,500

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

STEARIC ACID
Single Pressed and Double Pressed
Available in either cake or flake form
Triple Pressed
IVORY BRAND

RED OIL
(OLEIC ACID)
RUBY OLEINE BRAND (*distilled*)
STAR BRAND (*saponified*)
CANARY BRAND
(*very pale yellow, especially suitable for best types of dry cleaners' soaps.*)
PROCTER & GAMBLE
MAIN OFFICES
Gwynne Bldg., Cincinnati, Ohio
220 East 42nd St., New York City
Branches and stocks in all large cities

CHINA WOOD OIL
WAH CHANG TRADING CORPORATION
Woolworth Building
SPOT New York, N. Y. FUTURE

For the Pharmacist as a Tablet Lubricant
STEROTEX
For the Ceramic Manufacturer as a Pressed Lubricant and Binder
Samples and prices on application
THE CAPITAL CITY PRODUCTS COMPANY, Columbus, Ohio

THE BRODÉ CORPORATION
MEMPHIS, TENNESSEE
PRODUCTS OF COTTONSEED, PEANUTS and SOY BEANS
Members—Memphis Merchants Exchange (Futures in Cottonseed Meal)
New York Produce Exchange (Futures in Cottonseed Oil)
District Representatives
JAMES LOVATELLI & CO., 2 Broadway, New York City
Codes: Yopps, Robinsons, Bentleys, A. B. C., 5th Edition, Peerless

TALL OIL
90-92% SAPONIFIABLE
(About 45% Rosin Acids, 45% Fatty Acids)
Prompt Delivery Ex-Warehouse, New York
A. J. RIMBERG COMPANY
117 LIBERTY STREET, NEW YORK
Specialists Since 1920

EMERY
America's largest producers of
STEARIC AND OLEIC ACIDS
All Grades Saponified and Distilled
FATTY ACIDS · GLYCERINE · PITCH
SPECIAL FATTY ACID DERIVATIVES
Since 1840
EMERY INDUSTRIES, INC.
Originators of Twitchell Process
New York CINCINNATI, OHIO Lowell, Mass.

WOBURN HIGH QUALITY FATTY ACIDS HAVE BEEN THE STANDARD FOR YEARS FOR THE MANUFACTURE OF ALKYDS OF ALL TYPES

(Linseed, Soybean, Perilla, Sunflower, Isoline, Cocoanut, Lauric, Helioline-D)

WOBURN FATTY ACIDS FOR SOAP MAKING LOWER THE COST AND IMPROVE THE QUALITY OF THE SOAP

(Cottonseed, Palm, Cocoanut, Olivine, Distoline, Helioline-D)

WOBURN DRYING OIL (DEHYDRATED CASTOR OIL) PRODUCES THE MOST DURABLE OF ALL FILMS AND FILMS WITH SUPERIOR COLOR RETENTIVE PROPERTIES

(Isoline)

WOBURN DEGREASING COMPANY OF NEW JERSEY

Chemical Division HARRISON, N.J.

WINNIPEG, March 29.—The flaxseed market remained quiet. The week's closing price range was as follows:—

	Cash.	May.	July.
Saturday	$2.05⅝	$2.08	$2.07¼
Monday	2.08⅞	2.11⅛	2.11⅛
Tuesday	2.09⅜	2.11½	2.11¼
Wednesday	2.12⅜	2.14½	2.14⅜
Thursday	2.14⅜	2.16	2.16
Friday	2.13¼	2.14½	2.14½

BUENOS AIRES, March 29.—Opening prices per bushel on May contracts were:—

	Last week.	Last year.
Saturday	$1.34	$1.11⅝
Monday	1.34	1.11⅝
Tuesday	1.33¾	1.11⅝
Wednesday	1.33¾	1.11⅝
Thursday	1.33⅜	1.13⅜
Friday	1.33⅜	1.13⅜

Exports

To—	Bushels— Last week.	Previous week.	Last year.
United States	583,000	461,000	268,000
United Kingdom	217,000	.....	12,000
Continent	47,000	602,000	555,000
Orders	.....	.....	827,000
Others	63,000	12,000	587,000
Totals	910,000	1,075,000	2,249,000

Since January 1

To—	Bushels— This year.	Last year.
United States	5,517,000	5,845,000
United Kingdom	4,557,000	528,000
Continent	6,550,000	9,235,000
Orders	598,000	4,973,000
Others	146,000	1,098,000
Totals	17,368,000	21,679,000

Visible Supply

	Bushels.
Last week	5,906,000
Previous week	5,906,000
Last year	8,661,000

HULL, March 29.—La Plata flaxseed quoted at £16 per long ton; Bombay, £18⅞.

Linseed Oil.—Quiet conditions continued to prevail here but the Buenos Aires seed market remained firm and linseed oil quotations were generally maintained by local crushers at former levels. Withdrawals on contracts were reported as fair, but new business appeared to be practically at a standstill much of the time, buyers being disposed to hold off for further developments in the seed situation as well as in the markets for other commodities.

Demand for flaxseed was lighter in Northwestern markets, oil producers being less in evidence and purchases by seed houses also showing a falling off, and cash premiums over futures narrowed. Advices from the Northwest as well as some other outside points reported rather liberal shipments of oil on contracts but new business was generally described as slow. Further precipitation was reported over the Northwest and the condition of the soil in many sections showed improvement although the amount of moisture received in some states during the Winter was below normal.

Advices from Argentina concerning threshing returns were bullish, the yield per acre for the current season being put at only 5.8 bushels against 8.4 bushels in the previous season and 8.8 bushels two years ago.

MINNEAPOLIS, March 29.—Demand for linseed oil failed to develop much volume during the week, with easier cash premiums and weaker future basis causing unsettlement in oil. Buyers have their stocks well in hand for the coming sixty days. Mill production of oil continues at 70 percent of capacity with interior mills operating full time. Shipping instructions on linseed oil are in excellent volume from week to week and rate of outshipment is holding up well ahead of last year.

Oil quotations, in carload lots, f.o.b. Minneapolis, March-June shipment, cooperage 11c.; tanks, 10.4c.; warehouse lots, 11.4c.

Shipments of oil in pounds were as follows:—

	1940.	1939.
This week	3,180,000	2,100,000
Since Sept. 1	82,200,000	41,907,332

SAN FRANCISCO, March 27.—Linseed oil buyers are waiting until the California crop of flax makes its appearance, the concensus being that supplies will be cheap in anticipation of largest crop on record here. Meantime, card quotation unchanged and only spasmodic buying in progress for small lots. Quoted:—Tankcars, 10c. per pound; drum lots, ex-mill, 10.6c.; drum lots, ex-warehouse, 11c.

CHICAGO, March 29.—Linseed oil trade fair. Tankcar, 10.4c. per pound; car lots, 11c.; less than car lots, 11.4c.

LONDON, March 29.—Linseed oil, 42s. 6d. per cwt.

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

QUALITY

STEARIC ACID

Distilled, Flake, Cake and Powdered; all grades, various melting points.

RED OIL (Oleic Acid)

Various titres, light in color; in barrels, drums, tankcars.

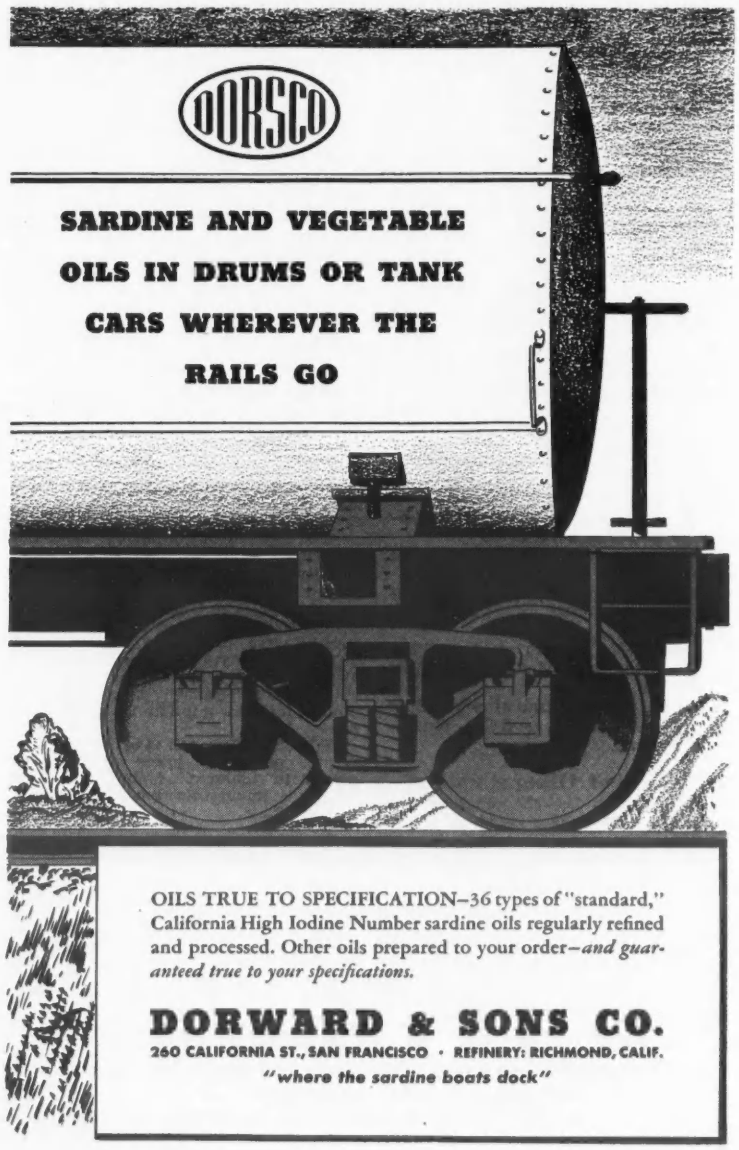
WHITE OLEIN

U. S. P. Specifications guaranteed.

PALE SAPONIFICATION
CRUDE GLYCERINE 88%

In drums or tankcars, suitable for the consumer trade.

A. GROSS & CO.
Manufacturers Since 1837
Sales Office: 122 East 42nd St., New York, N. Y.
FACTORY: NEWARK, N.J.


DORSCO
SARDINE AND VEGETABLE OILS IN DRUMS OR TANK CARS WHEREVER THE RAILS GO
OILS TRUE TO SPECIFICATION—36 types of "standard," California High Iodine Number sardine oils regularly refined and processed. Other oils prepared to your order—and guaranteed true to your specifications.
DORWARD & SONS CO.
260 CALIFORNIA ST., SAN FRANCISCO · REFINERY: RICHMOND, CALIF.
"where the sardine boats dock"

Cake and Meal.—A steady tone prevailed. Business in meal was some what more active. The export inquiry for cake continued quiet.

MINNEAPOLIS, March 29.—Demand for linseed meal was quite brisk for a day or two, but turned slow after buyers filled immediate needs.

Meal per ton, in car lots, f.o.b. Minneapolis, 30-day shipment, quoted at $30-$30.50 per ton.

Shipments of meal in pounds were as follows:—

	1940.	1939.
This week	4,040,000	1,760,000
Since Sept. 1	117,150,000	62,106,650

CHICAGO, March 29.—Feeders have taken fair amounts of linseed meal. Round lots, $31 to $31.50 per ton; car lots, $31.50 to $32; less than car lots, $33.50 to $34.

Cottonseed Oil

The trend of refined oil futures in the local market was mainly downward. Southern markets for crude oil easier; other products steady or firm.

Cottonseed Oil.—The market here for refined oil futures was quiet. Prices showed irregularity at times but in the main the trend was downward. Local and outside traders sold on weakness in hogs and lard. Domestic trade in lard remained quiet and the export movement continued light. From November 1 last to March 23 this year the clearances of lard from Atlantic and Gulf ports for all foreign destinations were 40,046,195 pounds against 76,036,986 pounds in the same time in the previous season. Despite the abnormally low prices prevailing for lard, some were still inclined to take a bearish view of the position of that commodity owing to the large supplies and expectations of an increase in marketing of hogs in the not distant future.

Business in cash refined cottonseed oil was still disappointing. Trade in lard compound was slow and business in vegetable products which compete with cottonseed oil remained quiet. Crude cottonseed oil was ⅛c. lower in parts of the South although offerings continued light, with reports that unsold supplies are small and that mills still in operation are sold well ahead. Soybeans displayed weakness at times in the West and the tone of the market for soybean oil appeared to be somewhat easier though quotations were unchanged.

There was switching of May cottonseed oil contracts to September at 8 to 9 points difference and to October at 5 points. Commission houses were on both sides of the market in a limited way. Trade interests were credited with purchases of May and July. Reports concerning the progress of new cotton crop preparations were conflicting, the work being reported as very backward in some sections and as advanced in others. Early planted cotton in Texas was said to be up to fair to poor stands.

Trading in bleachable prime Summer yellow cottonseed oil futures on the New York Produce Exchange from March 25 to March 29, inclusive, comprised 444 contracts, a total of 26,640,000 pounds. Following is a price record for the week:—

	—Cents per pound in tanks— High.	Low.	Close.
May	6.75	6.42	6.50@6.53
July	6.80	6.46	6.53@6.54
September	6.85	6.47	6.55@6.56
October	6.82	6.47	6.53@6.54

Crude, Southeast, .05½c. Nom.

Chicago, March 29.—Cottonseed oil trade fair. Refined, edible oil is 9c. to 9½c. per pound, barrels, car lots; and 9¾c. to 10c., barrels, less than car lots

Hull, March 29.—Cottonseed oil, refined, 35s. 7½d. per 12 pounds; crude, Egyptian, 31s. 1½d.

Cake and Meal.—A steady or firm tone prevailed in southern markets. The inquiry in some sections was reported as good owing to the abnormally low temperatures prevailing. Offerings continued light.

Markets at Other Centers

Atlanta, March 27.—Cottonseed meal, 8 percent, $31 to $31.50 at southeastern mills. Prime crude oil 5⅝c. More cold, wet weather has interfered with land preparation in the upper cotton belt and farmers may not be ready to plant by April 15, considered the best time in this region.

Memphis, March 29.—Valley crude cottonseed oil 5½c. bid; 5¾c. asked. Very little interest from either mills or buyers. Meal, 41 percent, $30.75 per ton, Memphis; cake $28 per ton, Valley, immediate or prompt shipment. Unusual duration of cold weather causing unexpected demand from feeders with mill supplies exceptionally light for this season of the year.

Closing cottonseed meal quotations on the Memphis exchange were as follows:—

	March 21.	March 28.
May	$27.95@—	$28.40@28.50
July	26.75@26.95	27.25@27.40
September	25.50@26.00	25.30@26.00
October	24.50@25.50	24.40@24.60

Fatty Acids

Capric Acid.—Fair movement of moderate lots. Quotations stationary.

Caproic Acid.—Prices unchanged and tone steady. Business along conservative lines.

Castor Oil.—New business quieter. Steady movement on contracts. Market firm.

Coconut Oil.—This fatty acid remained steady. Consumers not inclined to purchase ahead.

Palm Oil.—Somewhat better request for moderate lots. Market steady.

Red.—Fair movement on contracts. New business quiet. Prices unchanged.

Stearic Acid.—Selling schedules maintained and tone steady. Purchases limited to moderate lots.

Tall Oil.—Steady movement to local and other consumers. Market tone firm.

Chicago—March 29

The fatty acids and allied materials are in a rather quiet and easy position.

RED OIL.—Distilled or saponified, 8c. to 9c. per pound; tanks, 7½c. per pound.

STEARIC ACID.—Distilled, single press, 10¾c. to 11¾c., per pound; double press, 11¼c. to 12¼c.; triple press, 14c. to 15c.

OTHER FATTY ACIDS.—Corn oil, double distilled, 9c. to 9¼c. per pound, tankcar; 9½c. to 9¾c., barrels, car lots; coconut oil, acidulated, 10c. to 10¼c. per pound, tankcar; 10½c. to 10¾c., barrels, car lots; cottonseed oil, double distilled, 8½c. to 8¾c. per pound, tankcar; 9c. to 9¼c., barrels, car lots; 9½c. to 9¾c., settled cottonseed soap stock, 60-62 percent basis, 3c. to 3¼c.; boiled down soap stock, 65 percent basis, 4c. to 4¼c.; cottonseed foots, 50 percent basis, 1¾c. to 1⅞c.

Fish Oils

Menhaden.—Refined oil held at previous quotations. Tone steady. Trade slow.

Sardine.—Demand for refined oil limited to small lots for prompt shipment. Quotations unchanged.

Sperm.—No broadening of trade but market tone apparently firm.

Whale.—Small-lot purchases still the rule. Prices steady.

Markets at Other Centers

Baltimore, March 27.—Menhaden oil producers still hold out for 34c. a gallon, the last price named, but feel that a higher figure should prevail, for the reason that though tallow has declined, linseed oil, a far more accurate measure of value is up and should be applied in determining the price of fish oil, which is used interchangeably with linseed oil in the paint industry especially. Some of the Florida fishing companies have been trying their luck in the past week. Several of the boats were sent out with the first signs of the presence of menhaden, but they got only a very small catch and were withdrawn for the time being.

San Francisco, March 27.—Production has become practically nil. Thirty-seven cents per gallon is the figure named today in the usual trading circles and it is said that a few tankcars might be found on this basis. However, if sellers are present they are not making themselves known and buyers are not showing their hands either.

Futures, for delivery out of the expected Alaska yield in June, may soon be a subject for discussion, but at this turn of the market all remains quiet. Southern California, ending its season officially at the end of this month, has had but little fishing luck lately. For the week ended March 22, only 583 tons of raw fish were received, the weekly report of California Sardine Products Institute revealed.

Fats and Greases

Grease.—Prices generally held at recent reduced levels. Fair request for small lots.

CHICAGO, March 29.—Prime oleo stearin, barrels, 6c. to 6⅛c. per pound; lard, 6c. to 6⅛c.; extra oleo stocks, 8c. to 8¼c.

Lard.—Cash prices in downward trend at times with futures. Domestic business conservative. Export movement light.

CHICAGO, March 29.—Cash lard trade slow, with buyers apparently waiting because of large stocks. Shipping trade is limited. Following is a price record, per 100 pounds, for the week:—

	High.	Low.	Closing Mar. 29.	Closing Mar. 22.
Cash	$5.77	$5.52	$5.52	$5.75
May	5.85	5.55	5.55	5.77
July	6.05	5.75	5.77	6.00

Stearin.—Reduced ¼c. Trade quiet. Offerings light.

CHICAGO, March 29.—Choice white grease, tierces, 4½c. to 4⅝c. per pound; yellow, 4¼c. to 4½c.

Tallow.—Purchasing generally limited to small lots for prompt shipment. Offerings light and tone steady.

CHICAGO, March 29.—Edible tallow, tierces, 4⅝c. to 4¾c. per pound; inedible, prime, 4⅝c. to 4¾c.; special, 4½c. to 4⅝c.

Trading in tallow futures on the New York Produce Exchange from March 25 to March 29, inclusive, comprised 2 contracts, a total of 120,000 pounds. Following is a price record for the week:—

	—Cents per pound in tanks— High.	Low.	Close.
May	4.62	4.62	4.62@4.65
July	...	...	4.62@4.75

Animal Oils

Lard.—Easier with raw material. Prices down ⅜c. to ¾c. Trade slow.

CHICAGO, March 29.—No. 1 lard oil 8c. to 8¼c. per pound.

Neatsfoot.—Quotations reduced ¼c. to ½c. Fair movement.

Oleo.—Consumers buying for current needs only. Prices off ½c.

CHICAGO, March 29.—Prime oleo oil 7¾c. to 8c. per pound.

Tallow.—Business slow and tone easier. Prices off ¼c.

CHICAGO, March 29.—Acidless tallow oil 8c. to 8¼c. per pound, tanks.

Waxes

Bayberry.—Steady. Not much demand and usually moving in jobbing lots. Prices well held.

Bees.—Crude wax substantially steady. Demand should gain. Refined and bleached waxes moving in fair but not expanding volume. Quotations well maintained.

Candelilla.—Active and firm. Negligible local competition. Consumption stimulated by high, strong carnauba market.

Carnauba.—Prices confirmed unchanged. Based on Brazilian situation, should be higher according to local importers. Demand excellent, reducing competition to minimum limits.

Japan.—Competitive and not very active. Unchanged prices might be shaded.

Ozokerite.—European wax reaching here through Trieste, Italy. Spot strictly nominal.

Jacksonville Naval Stores Market Suspends Trading

Trading in rosin and turpentine will be suspended on the Jacksonville market during the month of April, in accordance with a vote of members of the trade of that city last Wednesday. There will be another vote of members of the Jacksonville trade on May 1 to decide whether the suspension of trading shall be made permanent. The movement to close the Jacksonville market was said to have the approval of the CCC.

This action was taken as a result of the numerous protests from consumers and dealers in various parts of the country over the wide difference between the daily quotations issued by the Jacksonville body and those emanating from Savannah which has been the world's chief naval stores market for more than fifty years.

As the Jacksonville quotations were carried by many of the daily newspapers as well as by trade publications, the wide differences between the Jacksonville and the Savannah quotations created much confusion among buyers and dealers in naval stores and had a tendency to curtail business.

The Savannah quotations represented actual transactions as a rule while those issued from Jacksonville were merely nominal as the latter market was bare of offerings much of the time. During January the price of turpentine at Savannah for instance, rose from 27½c. to 34½c. per gallon while the quotation issued from the Jacksonville market remained at 26c., there being no offerings or sales in latter center.

Commercial Solvents Corporation, this city, directorate has been reduced from twelve to eleven members.

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

SUN BLEACHED
Beehive Brand BEESWAX
• Finest Quality
• Guaranteed Pure
WILL & BAUMER CANDLE CO., INC.
Dept. E-4 Syracuse, N. Y.
Established 1855
Spermaceti Red Oil Glycerine
Ceresine Stearic Acid
WARRANTED PURE BEES WAX

The best that can be produced. It is 100% PURE BEESWAX and measures up to all the requirements of the U. S. P.
SPECIFY TL BRAND
BEESWAX
THEODOR LEONHARD WAX CO., INC. (Dept. A)
Haledon ESTABLISHED 1852 Paterson, N. J.

SYNTHETIC OILS and WAXES
for use in
Pharmaceuticals, Cosmetics, Printing, Polishes, Food and Many Other Industries
GLYCERYL
METHYL, ETHYL, PROPYL, BUTYL, AMYL, GLYCOL, DIETHYLENE GLYCOL, PROPYLENE GLYCOL
ESTERS OF
STEARIC
MYRISTIC, PALM, LAURIC, OLEIC, COCOANUT, SOYABEAN, COTTONSEED, RICINOLEIC, LINSEED, AND OTHER FATTY ACIDS
KESSCO PRODUCTS
Offered Under Definite Chemical Specifications
Inquiries Solicited—Data on Request
W. W. ANGUS, INCORPORATED
239 ELEVENTH AVENUE, NEW YORK, N. Y.
Sales Agent for
THE KESSLER CHEMICAL CORP.

A Guaranty of MERCK *Purity & Reliability*

Landmarks in the Chronology of BISMUTH

- Bismuth known in 1590 (Chronicle of Petrus Albinus)
- Zedler (1733) employs bismuth in salves
- Percival Pott (1739) recommends external use of bismuth
- Formerly confounded with other elements, the properties of bismuth were determined by Tobern Olof Bergman late in the Eighteenth Century
- Odier (1803) employs bismuth internally
- Adolf Kussmaul (1868) treats gastric ulcer with large doses of bismuth
- Emil J. Beck (1908) introduces bismuth paste
- Sazerac and Levaditi. Fournier and Guénot (1922) report the use of bismuth in the treatment of syphilis

1 lb.
BISMUTH SUBCARBONATE MERCK
U.S.P.
Merck & Co. Inc.
CAUTION.—To be used only by or on the prescription of a physician
BISMUTH SUBCARBONATE

Bismuth Metal

MERCK BISMUTH COMPOUNDS

The purity of Merck Bismuth Compounds is made certain by careful selection of raw materials and by rigid laboratory control.

SUBCARBONATE	SUBNITRATE
WHITE	WHITE
ODORLESS	ODORLESS
GRIT-FREE	GRIT-FREE
TASTELESS	PRACTICALLY TASTELESS

OTHER MERCK BISMUTH SALTS

Citrate — Hydroxide
Lactate
Oxychloride — Oxyiodide
Salicylate
Subbenzoate — Subgallate
Subsalicylate
Phenolsulfonate (Sulfocarbolate)
Tannate — Trioxide
Bismuth Betanaphthol
Bismuth & Ammonium Citrate
Bismuth & Potassium Tartrate

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FINE CHEMICALS FOR THE PROFESSIONS AND INDUSTRY SINCE
★ 1818 ★

MERCK & CO. Inc. *Manufacturing Chemists* RAHWAY, N. J.

New York • Philadelphia • St. Louis • *In Canada:* Merck & Co. Ltd., Montreal and Toronto

Drugs, Fine Chemicals

Ascorbic Acid Lower as Production Cost Drops — Synthetic Methanol Down — Suggests Cheaper Formaldehyde, Paraformaldehyde, and Hexamine—Corn Syrup Up

Activity in the drug and fine chemical market came under the influences that for some weeks had reduced commercial activity in numerous industries throughout the United States. The high pitched demand that swept volume to high levels during the final quarter of 1939 has been lowered more or less steadily in general industry since the turn of the year. Movement of drugs had held up remarkably well, but last week there was a smoothing and slackening of volume demand. The more conservative trading was without adverse effects on the price structure as a whole.

Of importance, however, was the decline in quotations on synthetic methanol. The reduction was effective April 1 and was expected to result in a reduction in quotations on formaldehyde, hexamethylenetetramine, and paraformaldehyde.

Tartar products continued strong at the late advance in prices. Mercurials were firm, not reflecting the easier position of quicksilver. Statistical data on alcohol and methanol were made available and the positions were generally satisfactory. Minor alkaloids in many instances were on a near to nominal basis because of insufficient supply and difficulty of replacement.

Acetanilide.—Volume maintained. Trade along routine lines. Prices well stabilized. Competition restricted to resellers.

Acetone.—Firm at recent advance. Business good. Undertones steady.

Acetophenetidin.—Full price stability reported. Trade along normal, seasonal lines. Undertones firm.

Acid, Acetylsalicylic.—Demand tapering off to Spring volume. Undertones and prices steady.

Acid, Ascorbic.—Market down 50c. Price, $2.25 to $2.50 per pound. Savings in cost of production permit development.

Acid, Benzoic.—Trade satisfactory in volume. Up to normal levels. Quotations steady to firm. Deliveries prompt.

Acid, Boric.—No signs of midyear price change at this time. Demand taking up contract tenders promptly.

Acid, Camphoric.—Strength and cost of raw material keeps spot quotations firm at late advance. Demand routine, but normal.

Acid, Citric.—Hawaiian exports to United States, 702,942 pounds, 1939, valued at $129,818, compares with 588,134 pounds, valued at $119,151, 1938. Market quiet but steady and stabilized.

Acid, Phosphoric.—USP call up to normal. Market undertones firm. Competition restrained.

Acid, Salicylic.—Call somewhat irregular. Fair for moderate quantities. Prices quiet and steady.

Acid, Tartaric.—Strong. No favorable change in production cost. Demand should improve with advance of Spring.

Agar.—Imports, 1939, totaled 497,000 pounds, comparing with 588,000 pounds in 1938. Drop caused by higher replacement costs. Netherlands has two small plants in production. Output on U. S. Pacific Coast small. Producers plan expansion of output.

Adeps Lanae.—Firm. Good demand. Tendency toward expansion. Prices very firm.

Alcohol.—Demand very steady. Industrial users show signs of additional requirements. Prices declared well stabilized. Statistical position fairly satisfactory. Comparative statistics on pure and dematured ethyl alcohol for July-February in 1939-1940, as prepared by the Alcohol Tax Unit, Bureau of Internal Revenue, Treasury Department, Washington, D. C., follow:—

Ethyl Alcohol

	Proof gallons 1939-'40.	Proof gallons 1938-'39.
Production	160,156,509	130,229,019
Withdrawn, tax paid	15,134,904	14,358,692
Tax free	156,469,262	121,619,238
Stocks, February 29	18,772,537	26,071,849

Price Changes

Advanced

Corn syrup, 10c. per 100 lbs.

Reduced

Ascorbit acid, 50c. per oz.
Methanol, synthetic, 3c. per gal.
Quicksilver, dom., $1 per flask.

Comparative Values

Index numbers compiled from thirty-five typical drugs and fine chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
198.2	198.2	197.5	182.7

Market news that may have developed after this report was sent to press will be found on page 4.

Denatured Alcohol

	Wine gallons 1939-'40.	Wine gallons 1938-'39.
Completely		
Produced	13,375,706	14,877,184
Removed	13,692,226	15,128,809
Stocks, February 29	327,350	432,644
Specially		
Produced	74,124,016	53,873,082
Removed	74,306,145	53,495,889
Stocks, February 29	1,038,272	827,846

Bonded Dealers

	Wine gallons 1939-'40.	Wine gallons 1938-'39.
Specially denatured—		
Received from denaturing plants	2,347,119	2,183,095
Disposed to bonded manufacturers	2,413,907	2,146,028
Inter-dealer shipments	23,071	28,599
Stocks, February 29	309,762	315,164

Aloin.—Trade improving. Gain mainly in small lot orders. Prices were steady.

Ammonia Benzoate.—Routine activity keeps prices steady. Movement about normal. No important stock surplus.

Ammonia Citrate.—Fully stable prices encourage steady and normal buying. Situation pleases producers.

Ammonia Phosphate.—NF item moving well. Sales volume up some. Market undertones firmer. Prices well supported.

Bismuth Metal and Salts.—Steady. Trade lacks feature. Normal call at fully firm prices.

Cadmium.—Metal call feels adverse effect of motor car production recession. Bromide in normal demand.

Caffeine.—Good demand. Deliveries still delayed. No surplus stocks, any quarter. Prices strongly supported.

Castor Oil.—Movement excellent. Demand for dehydrated likely to increase. Prices strongly held.

CHICAGO, March 28.—Castor oil prices are:—Cold pressed, U.S.P., barrels, car lots, 13⅝c. per pound; barrels, less than car lots, 14⅜c.; returnable drums, car lots, 13⅜c.; drums, less than car lots, 14⅛c.; tanks, 12⅞c.; extracted, No. 3, barrels, car lots, 13⅛c.; barrels, less than car lots, 12⅞c.; returnable drums, car lots, 12⅞c.; drums, less than car lots, 12⅞c.; drums, less than car lots, 13⅝c.; tanks, 12⅜c.

Cinchonidine.—No further change in surcharge. General position very firm.

Cinchonine.—Surcharge holds free of further change. Market firm. Normally active.

Cinchophen.—Movement up to nor-

Current prices on drugs and fine chemicals are given in the alphabetical list of prices beginning on page 7

HIGH VITAMIN POTENCY
FISH LIVER OILS

(NATURAL VITAMINS A & D)

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Cable address: PUREFOOD NEW YORK • All Codes

Industrial and Pharmaceutical Chemicals

ASEPTOFORMS
A series of odorless and non-toxic mold preventives. Recommended as inhibitors of mold growth and fermentation in industrial, pharmaceutical and cosmetic preparations.

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Several reliable anti-oxidants used in textile and sulphonated oils, also in printing inks to prevent skinning. Special grades for pharmaceuticals and cosmetics.

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PROCTER & GAMBLE
Largest Producers and Refiners of
CHEMICALLY PURE GLYCERINE
U.S.P.
Packed in drums and cans
Also other grades—Stocks in principal cities
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205 East 42nd Street, New York City
C/P

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NATIONAL BRAND MILK SUGAR
QUALITY STANDARD THE WORLD OVER SINCE 1883
ALPHA LACTOSE
BETA LACTOSE
POWDERED-GRANULAR
IMPALPABLE
NATIONAL MILK SUGAR COMPANY
Division of The Borden Company
350 MADISON AVENUE NEW YORK, N. Y.

AMMONIUM CHLORIDE U. S. P.
AMMONIUM SULPHATE PURIFIED
POTASSIUM CHLORIDE N. F.
POTASSIUM SULPHATE N. F.
SODIUM CHLORIDE C. P.
SCHUYLKILL CHEMICAL COMPANY
2346-2354 Sedgley Avenue - - Philadelphia, Pa.

mal levels. Prices display stability. Outlook favorable.

Codeine.—Spring bringing recession in demand. Winter season was satisfactory. Prices still firm.

Codliver Oil.—Exports, Norway to United States, as follows:—

	Gallons		
	1937.	1938.	1939.
Steamed and raw medicinal oils	1,355,925	612,124	1,301,790
In bottles..	3	207	129.6
Poultry and veterinary oils	1,404,439	884,821	985,638
Industrial oils	1,595,046	1,700,412	836,805

Corn Syrup. — Market higher. Prices:—42-degree syrup, $3.22 per hundred pounds; 43-degree, $3.27. Due to rising production cost.

Cream of Tartar.—Market strong, due to raw material cost. Demand good, being normal.

Creosote.—Demand shrinking with passing of major season. Prices remaining steady.

Emetine.—Strong and likely so to remain. Production cost high, due to raw material prices and comparative scarcity.

Eserine.—Situation acutely strong. Prices about nominal. Some suggest abandonment of quotations.

Formaldehyde.—Raw material 3c. per gallon lower. New formaldehyde schedule under consideration late last week. Reduction expected.

Glycerin.—Firm. Trade steady and volume satisfactory. Consumption running close to normal. Prices well maintained. Competition at minimum.

CHICAGO, March 28.—Glycerin prices are:—Chemically pure, 12¼c. per pound, tanks; 12½c., drums, car lots; 13c., drums, less than car lots; high gravity, tanks, 11¾c.; drums, car lots, 12c.; drums, less than car lots, 12½c.

Hexamethylenetetramine. — Raw material down 3c. April 1. Revision of hexa schedule expected. New prices not available late in week.

Iodine and Iodides.—Stabilized in all respects, even as to consuming demand. Trade quite satisfactory. maintained well but not expanding much. Quotations lack unsettlement.

Mercurials.—Firm at late advance. No raw material weakness. Imported goods offer lessening competition. Consumption satisfactory.

Methanol.—Synthetic 3c. per gallon lower. Schedule, tankcars, follows:—Zone 1, 30c. per gallon; zone 2, 32c.; zone 3, 34c.; zone 4, 34½c. For full schedule, plus description of zones, see Prices Current. Natural methanol unchanged to late hour last week.

Monthly statistics production of crude and synthetic methanol, almost the entire output of commodities in the United States, released by Director William L. Austin, Bureau of Census, Department of Commere, follow:—

Production

	Gallons			
	1940		1939	
	*Synthetic.	Crude.	*Synthetic.	Crude.
Jan..	3,452,677	457,271	2,462,884	351,814
Feb..	3,782,402	446,815	2,267,339	336,157
Totals	7,235,079	904,086	4,730,223	687,971

* The refined equivalent would be approximately 82 percent of the crude production.

Wood Carbonized

	Cords	
	1940.	1939.
January	44,323	33,353
February	44,927	31,715
Totals	89,250	65,068

Methyl Acetone.—Price situation unchanged. Natural item offered on two price basis by two separate groups producers. Demand very fair.

Molasses.—Proposed in Congress to apply sugar import tax to this item when used for distillation. Bill introduced would amend 1937 sugar act by eliminating present exemptions from

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Carbonate of Magnesia
Oxide of Magnesia
U. S. P. and Technical Grades
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Dependable Products Since 1873
LOCKLAND, CINCINNATI, OHIO

Established 1910
HUISKING
IMPORTERS AND EXPORTERS
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CAMPHOR, DOMESTIC U. S. P., Dupont
Powdered, ½ oz. and 1 oz. tablets
COD LIVER OIL
Peder Devold Brand, Finest Lofoten Norwegian Medicinal
MENTHOL CRYSTALS, U. S. P.
Alkaloids
Camphor Japanese
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Naphthalene
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CHICAGO BRANCH: 561 E. ILLINOIS STREET

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Prices on Request
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C. P. Crystals and Resublimed Crystals
RESORCIN—(Technical—U. S. P.)
PENNSYLVANIA COAL PRODUCTS CO
PETROLIA Established 1916 PENNSYLVANIA

BENZOL PRODUCTS COMPANY
237 South Street, Newark, N. J.
MANUFACTURERS OF FINE CHEMICALS
PHENOBARBITAL
AMINO ACETIC ACID

THREE ELEPHANT
BORAX
AND
BORIC ACID
Purity Guaranteed Over 99.5%
The AMERICAN POTASH & CHEMICAL CORPORATION
TRONA
70 Pine Street New York
Stocks carried in principal cities in the United States and Canada
TRONA
MURIATE OF POTASH
A 95-98% Agricultural Grade
A Special Grade for Manufacturers of Industrial Chemicals

tax if item is distilled into alcohol. If it becomes law would add about 8c. per gallon to cost of alcohol.

Paraformaldehyde.—Production cost down April 1. New prices in making.

Quicksilver. — Down to $182 per flask. Inactive here. Pacific Coast easier. No weakening abroad. January production data follow:

	Flasks		
	Nov.	Dec.	Jan.
Production	1,600	1,750	1,800
Consumption	2,400	1,700	2,300
Imports	1,100	1,776	147
Exports	223	96	151
*Stocks, consumers	8,700	9,900	10,900
Importers, dealers	...	376	582

* Consumer stocks in plants, bonded warehouse, and domestic transit.

SAN FRANCISCO, March 27.—Quicksilver still $180 per flask, f.o.b. San Francisco. Few interested. Market a little heavy, due to absence of inquiry and desire of some mines to get stocks moving.

Quinine.—January imports, sulphate, 195,000 ounces. Six month total ended December 31 last, 920,000 ounces. Total other cinchona derivatives, January, 350,012 ounces; six-month total, 1,321,720 ounces.

Saccharin.—Firm and reasonably active. Prices stabilized.

Salicin.—Improvement in business sustained. Volume very good. Prices firmer.

Santonin.—Signs of reviving demand noted. Prices very firm. Imports, past five years, were:—

	Pounds.
1939	3,048
1938	771
1937	2,012
1936	1,489
1935	1,118

Seidlitz Mixture.—Prices strong.

Silver Nitrate. — The schedule of prices since the last report prevailed as follows, covering quantities of 100 ounces; small lots from 1c. to 2c. more per ounce, and quantities of 500 ounces are quoted at about 1c. less. Comparison of prices of bullion in New York and London is also provided:—

	Per ounce		
	Nitrate. Cents.	Bullion New York. Cents.	London. Pence.
Saturday	26⅞	34¾	*
Monday	26⅞	34¾	*
Tuesday	26⅞	34¾	20 1/16
Wednesday	26⅞	34¾	20 1/16
Thursday	26⅞	34¾	20 1/16
Friday	26⅞	34¾	20 1/16

* Holiday.

F.T.C. Still Ponders Drug Ad Warnings

—*Continued from page 3*

taken by children, the advertising should so state. On the other hand, a laxative advertisement need not carry a warning against development of a "laxative habit," even though such a warning is on the label. In this view it is not sufficient for the advertising to state that the product should be taken in accordance with directions on the label if those directions are such that a considerable number of purchasers would discover that they could not use the product after having purchased it. Headache remedies, to cite another example, should not be advertised as permanently curing all types of headaches or removing their causes, but neither is it necessary for the advertising to include specific dosages or warnings that sustained, frequent use may lead to serious consequences, because such information is on the label.

It is known that the commission recently asked a number of its staff members to prepare memoranda on various aspects of drug advertising, and that these are now being studied, but that the commissioners themselves have reached no conclusion on enforcement policy.

Simons Heads Hubbard Co.

Philip J. Simons, jr., has been elected president of Charles Hubbard, Son & Co., importer and wholesale druggist, Syracuse, N. Y. Mr. Simons was formerly secretary and treasurer. Lucius S. Johnson, former president, has been named secretary.

Bristol-Myers Company, manufacturer of medicinal and cosmetic preparations, this city, will dedicate the new recreation building at its Hillside, N. J., plant April 5. Hon. A. Harry Moore, governor of New Jersey, will speak, and there will be music and other entertainment, refreshments, and dancing.

Baker's chemicals

IODIDES

Your choice of Ammonium, Potassium, Sodium. All free from Iodates and relatively free from Chlorine and Bromine compounds. Write for free testing samples.

J. T. BAKER CHEMICAL CO.
PHILLIPSBURG, N. J.
New York Philadelphia Chicago

QUICKSILVER
TARTARIC ACID
CREAM OF TARTAR
TEASEED OIL RED OIL FATTY ACID RICE BRAN OIL
LEGHORN TRADING CO., 21 West St., New York City
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REFINED GLYCERINE
ALL GRADES
CHEMICALLY PURE U.S.P.
CHEMICALLY PURE B.P.
YELLOW DISTILLED-HIGH GRAVITY-DYNAMITE
Refineries located at:
- BROOKLYN, N. Y.
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- JERSEY CITY, N. J.
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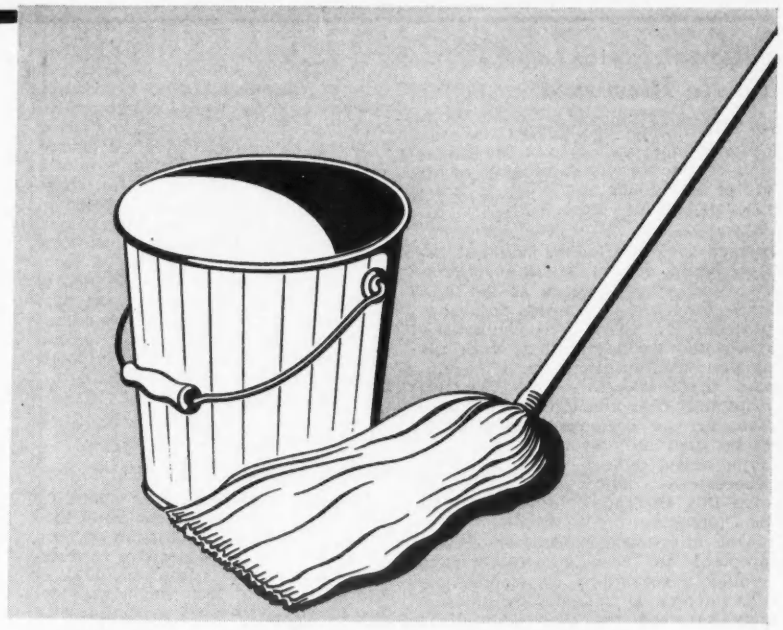
COLGATE-PALMOLIVE-PEET CO.
GLYCERINE DEPARTMENT
105 Hudson Street Jersey City, New Jersey

CIDAN No. 1
A New Disinfectant Base, Mild in Odor and a Low Priced, Powerful Germicide

WITH Cidan No. 1 you can make specialty disinfectants with a relatively mild odor to be used in hotels, hospitals, restaurants, and other buildings where a disinfectant with a minimum amount of odor is desired.

Because of its high germicidal strength, even as low a concentration as 7% Cidan No. 1 in a potassium linseed oil soap will produce a disinfectant having a phenol coefficient of 2½ to 3 — at approximately the same cost as a similar disinfectant made with cresylic acid.

Prolonged tests show that a disinfectant made with Cidan No. 1 will not lose its germicidal strength upon aging.



Learn the many advantages of this new disinfectant base by writing for samples and further information.

GIVAUDAN
DELAWANNA, INC.
Industrial Aromatics Division
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302 YEARS of EXPERIENCE

Over the past twenty-five years we have had the good fortune of succeeding to the business and good will of some of the most honorable and outstanding older firms of the botanical drug industry.

Add up the number of years of Experience thus acquired and we have the rich heritage of over three hundred years from which to draw in continuing and expanding our service to all users of botanical drugs. Our records show:

McIlvaine Brothers	85 Years
P. E. Anderson & Co.	27 "
The Drug Department of McLaughlin, Gormley, King Co.	32 "
Murray & Nickell Mfg. Co.	72 "
Smaller firms, plus our own record of continuous operation	86 "
	302

What Do You Need Today?

GUMS
INSECTICIDE BASES
CRUDE BOTANICALS
FISH LIVER OILS
EXTRACTS
ALKALOIDS
COSMETIC RAW MATERIALS

What do the combined scientific knowledge, production skill, purchasing and shipping facilities and other assets of all the above concerns mean? Simply this — that S. B. Penick & Company, the world's largest botanical drug suppliers, have unexcelled facilities, stocks, and stores of experience to draw upon in supplying more than one thousand quality botanicals.

Ask to be placed on our "Price List and Manual" mailing list

S. B. PENICK & COMPANY

132 NASSAU STREET, NEW YORK — 1228 W. KINZIE STREET, CHICAGO

THE WORLD'S LARGEST BOTANICAL DRUG HOUSE

Vitamin Food Labels To Be Discussed

—*Continued from page* 5

assumption is that it was the intention of Congress that vitamin labeling of both foods and drugs is to be regulated under section 403(j).

Inclusion of drug products under dietary food regulations will not relieve them of the labeling requirements of other sections of the law, since they are still drugs for other purposes; but there is no conflict between the various sections with the single exception that under regulation (b)(2) under section 502(f) a drug must bear either adequate directions for use or a caution that it is to be used only at the direction of a physician, dentist, or veterinarian; whereas the dietary food regulations give this exemption to prescriptions of a physician.

One interesting speculation on the proposal to classify vitamin and similar preparations as "foods" for this purpose is the possible effect it may have on the interpretation of State laws confining the sale of drug products to registered pharmacists. It might be held that this is a precedent for considering vitamin preparations as foods under such State laws, thereby opening the way for their general sale in grocery stores. While this possible by-product of the regulation is, of course, not within the judicial notice of the Food and Drug Administration, some of the officials privately have the opinion that anything which might widen the distribution and reduce the cost of vitamin preparations would be a valuable contribution to public health.

Another important feature of the new regulations is the fact that they go beyond the label of dietary foods. While the food, drug, and cosmetic act is generally considered to be purely a labeling law, section 403(j) is an exception since it covers any product which "purports to be or is represented for special dietary uses." Officials interpret this as meaning that the representation need not be confined to the label but includes any type of advertising, sales promotion, or perhaps even general public understanding. Thus it is possible that, if a brand of oranges were advertised as a source of vitamins or minerals, all interstate shipments of these oranges would have to be labeled in accordance with these regulations. The regulations, however, are directed particularly at packaged foods and preparations and are designed to cover anything which serves the purpose of a food and which by virtue of certain representations falls within the category of special dietary foods as described in the regulations.

Origanum Oil Duty Ruling Made

Origanum oil containing about 0.5 percent of orthocresol has been held by the United States Customs Court, First Division, to be entitled to duty-free entry under paragraph 1731 of the tariff act of 1930 which provides for the free entry of origanum oil." The court held that this *eo nomine* classification was not invalidated by the government's allegation that the oil was a synthetic product or by the allegation that the presence of orthocresol made the imported article a mixture or combination subject to the duty provided in paragraph 60. This position was taken by the court on the basis of the principle, *de minimis non curat lex*, the quantity of orthocresol present being regarded as negligible.

This decision was given in the sustaining of protests by P. R. Dreyer, Inc., this city, and the court ordered the collector of customs to refund all duty taken on the merchandise under paragraph 60 at 40 cents per pound and 30 percent ad valorem.

Venereal remedy advertising, even by indirect reference, would be prohibited in this State by the Desmond bill (S.I. 1697), which would confine sales of such remedies to prescriptions.

Lambert Pharmacal Open New St. Louis Laboratory

The Lambert Pharmacal Company opened its new manufacturing laboratory in St. Louis March 28. The occasion was observed by several hundred business men in the St. Louis area inspecting the laboratory. On

March 29 the families and friends of the employees visited the laboratory. As part of the celebration a dinner for employees was given Friday evening at which special recognition was given to those employees with the company for fifty years or more. In addition to three with such record, there were twenty-nine with more than twenty years of service.

The Lambert Pharmacal Company operates a laboratory in Jersey City, N. J., of about the same capacity and twelve laboratories abroad at Argentina, Australia, Canada, Chile, Cuba, England, France, Holland, Mexico, New Zealand, Spain and Switzerland. Robert L. Lund, executive vice-president, is in charge of the operations of the company. J. S. Norton and Joel Y. Lund are vice-presidents in charge of sales and production, respectively.

Liver extracts exported from Cuba to the United States aggregated 28,031 pounds valued at $45,524 in 1939.

Alcohol Fee Proposal In R.I. Opposed

—*Continued from page* 5

The fee for license hereunder shall not be less than $50 nor more than $100.

The unreasonableness of the 1938 tax and of the proposed fee and the necessity that they be opposed are set forth by H. E. Howe, executive secretary of the Council of Industrial Alcohol Users, in the following commentary:—

The above Rhode Island house bill 912 was introduced March 12 by Representative Martin Dolan, of district 2, Cranston, R. I., and referred to the committee on special legislation. No further action on this measure has been reported up to the date of this bulletin.

The introduction of this bill, the object of which is clearly indicated by the text thereof, emphasizes the fact that the legislature of Rhode Island has not only failed to enact the scope and effect of the model clause adopted in other States on the subject of ethyl alcohol intended for use and/or used for nonbeverage purposes, but has actually imposed a tax of 5c. per gallon on "ethyl alcohol to be used for nonbeverage purposes" (chapter 167 of the general laws of 1938).

All interests concerned with industrial (nonbeverage) alcohol should take advantage of this opportunity to communicate promptly with Rhode Island contacts and seek not only the repeal of the aforesaid 5 cents per gallon tax on "ethyl alcohol to be used for nonbeverage purposes," but the incorporation in the general laws of that State of appropriate language for the protection and promotion of alcohol for nonbeverage purposes as provided by the acts of Congress and regulations promulgated thereunder. To that end the model clause above referred to should be recommended.

Abbott Laboratories Sales Up

S. DeWitt Clough, president of Abbott Laboratories pharmaceutical manufacturer, Chicago, told stockholders at the annual meeting March 21 that sales of the company in the current year should run $13,000,000 and yield a net profit of about $2,500,000 a year. In 1939 net sales aggregated $11,485,415.

Botanical Drugs, Spices, and Gums

Botanical Market Quiet—Buying Restricted to Small and Prompt Requirements — Foreign Developments Reveal No New Trend of Events — Local Prices Still Sensitive

The flattening of commercial activity afflicting a substantial part of industry and commerce in this country was clearly apparent in the market for botanical drugs last week. While a fair-sized jobbing demand was present, the total volume of transactions was unimpressive. For the most part, buying was restricted to small, prompt requirements and the same were readily supplied out of spot stocks.

Considering the very modest amount of new business reaching the local dealers, the stability of most prices was nothing short of remarkable. It was also added evidence of the fact that holders of unsold stocks in this market realize full well that the military statemate in Europe can be succeeded by totalitarian warfare with unmeasureable speed. Such an event would turn the at present somewhat drab market into one of heated activity. No dealer at this time is inclined to do other than keep prices reasonably in line with replacement costs, avoiding the price shading that in less parlous times might be certainly predicted in view of the present volume of trade. Although there was not much activity last week, it was still, basically, a sellers' market.

Balsams

Peru.—Little beyond jobbing demand. Prices about steady.

Tolu.—Small orders fairly numerous. Steady to firm undertones. Quotations unchanged.

Barks

Black Haw.—No further decline in root bark prices. Tree bark also steady. Fair demand.

Buckthorn.—Strong market. Price tendency upward. Replacement difficulty and cost leading factor for strength. Moderate demand.

Cascara Sagrada.—Advance maintained. Very firm markets at all points. Peeling to begin shortly in Northwest.

Cocillana.—Still easier but no lower. Movement to buyers reduced. Seasonal influence at work.

Orange Peel.—Competition active. Sweet peel prices under pressure. No further decline noted.

Simarubra.—Undertones firmer. Decline checked. Competition less apparent. More stability expected. Fair request.

Beans

Tonka.—Undertones firm. Demand routine but steady. Prices well maintained. Little competition.

Vanilla.—Strong market. Stocks to remain small. World production subnormal. Fair and somewhat more lively demand. Prices show strength in all markets. Unless demand shrinks severely, situation to remain strong indefinitely.

Imports and Detentions

Entries of botanicals at the port of New York since the week of January 1, 1940, and the detention of these items by the Department of Agriculture because of the presence of matter rendering them unfit for human consumption were:—

	Bags Detained.	Bags Entered.
Anise	...	1,531
Belladonna	18	284
Caraway	...	9,730
Cardamom (cases)	...	585
Celery	...	2,626
Coriander	300	3,843
Cumin	549	2,349
Digitalis leaves (cases)	1	1
Dill	...	74
Fennel	200	803
Henbane leaves (bales)	108	189
Mustard	2,800	5,114
Poppy	...	7,578
Sage leaves (bales)	...	574
Sesame	750	4,443
Stramonium	117	334
Thyme	...	584

Price Changes

Advanced

Caraway seed, Dutch, ¼c. per lb.
Russian, 1¼c. per lb.
Paprika, Hungarian, ½c. per lb.

Reduced

Arabic gum, amber sorts, 1½c. per lb.
Cassia, China, selected broken rolls, 1c. per lb.
Clove, Zanzibar, ¾c. per lb.
Amboyna, 1c. per lb.
Ginger root, Jamaica, bright grinding, ¾c. per lb.
Lavender, select, 5c. per lb.
medium, 1c. per lb.
ordinary, 1c. per lb.
Mace, Banda, 3c. per lb.
Batavia, 1c. per lb.
Marjoram, French, ½c. per lb.
Chilean, ½c. per lb.
Pepper, black, Lampong, ½c. per lb.
Tellicherry, ¼c. per lb.
red, chillies, Japanese, ½c. per lb.
Rose petals, pale, 10c. per lb.
Saffron, Spanish, $3 per lb.
Thyme, ½c. per lb.

Comparative Values

Index numbers compiled from forty typical botanicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
195.3	195.3	195.7	119.7

Market news that may have developed after this report was sent to press will be found on page 4.

Berries

Cubeb.—More inquiry and selling. Prices definitely firmer. Competition repressed and confined.

Raspberries.—Fair holdover stock. New crop some time off. Not much current demand. Prices steady.

Flowers

Chamomile.—Very firm. Spring demand expected to be good. Little local price competition. Stocks moderate, here and abroad.

Lavender.—A buyers' market holding little activity. Prices easy, tending in buyers' favor.

Mullein.—No further decline. Steadier for the most part as demand gains moderately.

Saffron.—Spanish flowers shaded to $28 to $30 per pound. Mexican flowers unchanged and very steady. Demand irregular and light.

Gums

Arabic.—Amber sorts down to 10c. to 10½c. per pound. Powder, 14c. to 14½c.; No. 1 white sorts, 28c. to 29c.; No. 2, 27c. to 28c. Plentiful stocks and light demand lead to broader competition.

Benzoin.—More inquiry and sale of Sumatra gum. Prices steadier. Further decline unlikely at moment.

Chicle.—American companies have been granted an injunction, suspending execution of a decree in which the Mexican government sought to void their land titles.

Karaya.—Stocks in good reserve.

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on page 7

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LANOLIN ANHYDROUS
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MILK SUGAR U.S.P.
PETROLATUM U.S.P.
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AGAR AGAR JAPANESE
Shreds, Cut and Powder
ALOES, Curacoe and Cape
BALSAM PERU
BELLADONNA LEAVES
BELLADONNA ROOT
CORIANDER OIL, U. S. P.
GENTIAN ROOT
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GUM ARABIC AMBER SORTS
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Movement into consumption steady. Prices held. Competition moderate.

Herbs and Leaves

Buchu.—No further price decline. Undertones steadier. Market in line with replacement cost. Demand routine.

Henbane.—Firmer. No tendency toward further price shading. Detentions of imports numerous.

Henna.—Demand more active. Small lots moving in good volume. Downward price tendency checked. Replacements fairly well assured.

Senna.—Moderate but steady demand and sales. Prices apparently well stabilized at moment. Stocks in good reserve.

Stramonium.—Fair sales noted. Prices about firm. Stocks moderate but apparently sufficient.

Miscellaneous

Corn Silk.—Steadier. Decline not extended. Demand irregular and mainly jobbing.

Dragon's Blood.—Decline checked. Undertones firmer to steadier. Fair but usually jobbing demand. Stocks sufficient.

Guarana.—Advance maintained but suggestion of business at $1.15 per pound noted locally. Buyers trading close to actual needs.

Roots

Aconite.—Slightly steadier at late decline. Competition still in evidence. Undertones moderately easy.

Ipecac.—Strong situation. Brazilian root high in cost. Nicaraguan root very firm. Spot quotations well maintained.

Jalap.—No easing of strong and high prices likely. Underproduction caught primary market with small carryover.

Rhubarb.—Offered sparingly for replacement and only at high prices. Spot advance fully maintained. Stocks low. Demand good.

Seeds

Caraway.—Fractionally higher. Dutch, 12½c. to 13c. per pound. Russian, 11½c. to 12c.

Fennel.—Seed from Roumania offering at 12c. to 12½c. per pound. Below prices for French and India seeds.

Larkspur.—Firm to firmer. Decline checked. No surplus stocks on spot. Not easy to get abroad.

Poppy.—Dutch seed steadier. Better demand checks price shading.

Spices

Cassia.—China selected broken rolls lower at 8¾c. to 9¼c. per pound. Sole price change in group.

Clove.—Prices shaded. Madagascar or Zanzibar spice, 15¾c. to 16c. per pound; Amboyna, 24c. to 25c.

Ginger.—Bright grinding Jamaica down to 9c. to 9¼c. per pound. Japanese shaded to 8c. to 8½c. Other prices unchanged.

Mace.—Banda, 55c. to 56c. per pound; Batavia, 29c. to 30c. Both lower. Siauw unchanged.

Paprika.—Hungarian extra fancy, 29c. to 29½c. per pound. Fractional advance. Other prices hold.

Peppers.—Black lampong down to 4c. to 4¼c. per pound. Japanese chillies shaded to 18c. to 18½c. White peppers steady. Demand extremely routine.

Trading in black pepper futures on the New York Produce Exchange from March 25 to March 29, inclusive, comprised 107 contracts, a total of 3,595,200 pounds. Following is a price record for the week:—

	Cents per pound		
	High.	Low.	Close.
January	4.15	4.11	4.11@4.15
March	4.16	4.16	4.16 sale
April	3.84	3.76	3.76@3.84
May	3.87	3.80	3.81@3.85
July	3.90	3.90	3.90@3.93
September	4.05	3.95	3.96@4.00
October	3.99	3.98	4.01@4.03
December	4.10	4.04	4.07@4.10

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Essential Oils, Aromatic Chemicals

Italian Advance in Citrous Oil Prices Strongly Maintained — Domestic Oils Hold Unchanged — Juniper Tar Shaded —49,000 Pounds Russian Peppermit Imported in 1939

Price stability was probably the feature most important in the market for essential oils and aromatic chemicals last week. Considering the substantially quiet demand, and the comparatively conservative total volume of sales, the maintenance of quotations was certainly one of the most satisfactory angles in the local market.

In all probability, the comparatively high cost of replacement materials, and the lack of large-sized shipment offerings from primary sources of supply, was the basis on which local dealers maintained an exceptionally steady price structure. Consumers confined buying to actual requirements and showed little tendency to anticipate future needs. Should the European war assume totalitarian proportions, the value of spot stocks would become quickly apparent if replacement costs rose. This would be particularly the case should Italy be dragged in on the side of Germany.

January importations of essential oils totaled 1,034,000 pounds valued at $816,000, comparing with 608,000 pounds valued at $338,300 in the corresponding month of 1939. Practically all kinds of essential oils were imported in larger quantities but particular mention should be made of cassia, geranium, eucalyptus and lavender oils.

Price Changes

Advanced

None

Reduced

Almond, sweet, 10c. per lb.
Citronella, Java, 2c. per lb.
Juniper tar, 10c. per lb.

Comparative Values

Index numbers compiled from twenty typical essential oils on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
103.4	103.4	96.5	69.6

Market news that may have developed after this report was sent to press will be found on page 4.

Essential Oils

Almond.—British offer replacements at low prices. Find sales slow. Spot lower at 75c. per pound. Market competitive.

Anise.—Trade dull. Prices steady. Stocks fair. Replacements offered in fair quantities.

Apricot.—Firm prices. Not much demand. Call mainly jobbing. Undertones steady. Reserves fair in size.

Bay.—Routine demand. Mainly for prompt needs. Prices quiet but steady.

Bergamot. — Strong market. Replacements high. Spot prices tend upward. Demand more active in rising market.

Birchtar.—Demand jobbing in size. No trend toward expansion. Prices steady. Little competition.

Bois de Rose.—Demand dull. Small lots comprise sales. Prices very steady. Replacement market firm.

Cajeput. — Firmer tone continued. Demand gains locally. Values well maintained. Competition negligible.

Camphor.—Movement good. Stocks small. Prices about nominal. Purely a sellers' market. Prices high and strong in Japan.

Cananga. — Steadier tone. Prices tend toward stability. Competition less apparent. Demand moderate.

Capsicum (Oleoresin).—Trade about normal. Small lots moving well. Prices firmly maintained. Raw material slightly easier.

Caraway. — Production may drop, ultimately. Holland crop smaller, 1941. Under strict government control. Oil very steady.

Cassia. — Fair inquiry. Quantities wanted increase some. Prices steady to firm. Fair stocks in hand.

Clove.—Firm. In fair demand. Production behind deliveries, some quarters. Backlog of orders substantial.

Eucalyptus.—Strong. High replacement cost continues. Offerings small and infrequent. Demand good.

Fennel. — Light demand. Market steady. Prices well maintained. Stocks in fair reserve.

Geranium.—Movement conservative. Consumers hold fair reserves. Prices steady to firm. Market moderately competitive.

Grapefruit.—Price very steady. No shortage in primary market stocks. Demand routine locally.

Ginger.—Raw material easier. New crop offered. Oil about steady. Sales restricted by moderate consumer need.

Juniper Tar.—Market lower. Drums, 40c. to 42c. per pound. Spot stocks up slightly. Volume routine.

Lavandin. — Firmer. Replacement market stronger and slightly higher. Local market tends upward. Demand routine.

Lavender.—Market swings to firmer position. Some tendency to raise prices. French market maintained sturdily. Demand steady.

Lemon.—Italian oil firm at late advance. No further rise. California oil firm and unchanged. Substantially lower than Italian. Oil strong in Italy.

Lemongrass. — Quiet market. Demand routine and mainly jobbing. Prices have easy undertone. Considerable competition here.

Lime.—Firming up considerably. Better demand expected soon. Replacement cost looses some of recent easiness. Stocks fair.

Mace.—Moving well. Up to normal volume. Prices firm and apparently stabilized.

Mandarin.—Replacement cost very high. Discourages attempts to buy. Spot quotations firm at late advance. Light demand.

Nutmeg.—Production well engaged. Deliveries delayed, some quarters. Price firm. Competition negligible.

Orange. — Plentiful stocks. Prices fairly easy. Italian oil an exception. Little call for it. California moving well at favorable prices.

Petitgrain. — Advance maintained easily. Spot lines up with replacement cost. Demand moderate. Up to recent volume.

Peppermint. — Business routine. Mainly jobbing on spot. Commerce Department reports import of 49,000 pounds from Russia, 1939. January, 1940, imports, 22,022 pounds. First Russian shipment to United States believed to have been 4,500 pounds, December, 1938.

Pineneedle.—Jobbing business in fair volume. Prices steady to firm. Fair stocks in reserve.

Sage.—Demand good. Stocks moderate. Prices firm to firmer. First cost holds firm at source.

Sassafras.—Firm market. Demand better. Artificial has high replacement cost. Stocks not plentiful.

Wormseed.—Strong market. Demand maintained well. Primary market offers limited. Unsold stocks conservative. New crop months off.

Current prices on essential oils and aromatic chemicals are given in the alphabetical list of prices beginning on page 7

Aromatic Chemicals

Acetophenone.—Fair demand. About normal. Prices steady to firm.

Amylphenyl Acetate.—Trade slower. Mainly in jobbing quantities. Prices steady. Limited competition locally.

Amyl Salicylate.—Business quiet. Usually on hand-to-mouth basis. No price unsettlement. Market undertones steady.

Anethol.—Steady market. Production cost fairly favorable. Demand routine but about normal.

Anisic Aldehyde.—Offerings normal. Prices moderate and stable. Demand somewhat irregular.

Benzaldehyde.—Broader inquiry and selling. Full stability in price structure. Competition among producers unimportant.

Benzyl Compounds.—All stabilized in price. All in moderate but steady demand. All in fair stock reserve.

Bromstyrol.—All qualities in fair request. Prices steady to firm. Consumers covering fairly well ahead.

Carvol.—Business jobbing. Prices steady.

Cinnamic Alcohol. — Fairly good trade. Usually in jobbing quantities. Prices steady. Competition inconspicuous.

Cinnamic Aldehyde. — Quotations about firm. Some competition reported locally. Stocks in fair reserve. Demand hand-to-mouth.

Citral. — Demand for small lots steady. Little local competition. Quotations apparently stable.

Citronellal.—Ample stocks offered. Consumption lags. Quotations lack change.

Citronellol.—More inquiry. Gain in sales volume doubted. Prices unchanged.

Citronellyl Acetate.—Interest improves conservatively. Prices firmer. Competition recessed.

Coumarin.—Movement very good. Close to normal volume. Prices reveal no weakness. Offerings indicate fair reserve stocks.

Cyclamen Aldehyde.—Trade gaining on recently narrow market. Quotations show strength. Replacement cost firm.

Diethyl Phthalate.—Fairly favorable for fair number of buyers. Prices on low side.

Dimethyl Hydriquinone. — Hand-to-mouth trade builds fair total. Quotations very steady.

Diphenyl Methane.—Inquiry irregular. Sales falling off moderately. No price weakness reported.

Diphenyl Oxide.—Full price stability the rule. New orders fair in size and number. Contract deliveries prompt.

Ethyl Cinnamate.—Less inquiry. Buyers trading close to actual needs. Prices well maintained.

Ethyl Phenylacetate.—Slow market. Consumers stocks keep new business conservative. Prices very steady.

Ethyl Vanillin.—Trade continues normal. Volume fairly satisfactory. Price structure firm.

Eucalyptol.—Underlying influences favor strong market. Raw material hard to buy at source. Prices high and tending upward.

Eugenol.—Firmer tone recovered. Demand in jobbing size gains moderately. Prices well maintained.

Geraniol.—Trade routine. Lacking in feature development. Prices favor buyers.

Geranyl Acetate.—Business slows somewhat. Still fair in volume. Prices unaffected.

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Geranyl Formate.—Jobbing orders the rule. Full quoted prices obtained.

Geranyl Propionate.—Considerable competition. Open quotations unchanged. Tendency favors buyers.

Heliotropine.—Trade very fair. Deliveries prompt at firm prices. Competition negligable.

Pelargol.—Buyers' interest not exceptional. Trade routine and on hand-to-mouth basis. Prices remain stable.

Phenylethyl Acetate.—More inquiry. Sales increase conservative. Fair reserves available. Quotations steady to firm.

Phenylethyl Butyrate.—Business normal and very steady. Buyers cover needs as they arise. Prices hold.

Phenylethyl Propionate.—Call irregular and occasional. No steady, sustained movement. Prices still steady.

Packaging Portfolio Issued

"Close-Ups of Successful Corrugated Boxes" is the title of a portfolio issued by The Hinde & Dauch Paper Company. Boxes which are considered outstanding accomplishments in present-day packaging are illustrated and described on full-page inserts held in the two pockets of the portfolio. Copies are available at the office of the company in Sandusky, Ohio, by mentioning the REPORTER.

Drug Buying Cooperative In Colombia Changes Name

A recent resolution of the Ministry of Labor of Colombia grants approval for the "Cooperativa de Compraventas de Industrias Farmaceuticos Limitada" to change its corporate name to "Cooperative de Droguistas Limitada," according to the office of the American commercial attache in Bogota. This organization, which will have its principal residence in Bogota, Department of Cundinamarca, Colombia, will engage in providing its members with all kinds of raw materials for the manufacture of pharmaceutical specialties, including packaging materials, containers, labels, etc.

Drug Exhibit to Open May 1 In Dep't Commerce Bldg.

On May 1 several divisions of the Bureau of Foreign and Domestic Commerce in cooperation with ten trade associations, will open an exhibit in the auditorium of the Commerce Building, Washington, which will feature all types of medicinals, pharmaceuticals and hospital equipment, and supplies. Special attention will be given to new products.

Toilet Preparations Exports In December Tabulated

The value of United States exports of toilet preparations during January, according to the Bureau of Foreign and Domestic Commerce, was as follows:—

Classification.	Value.
Dental creams	$176,299
Other dentifrices	13,103
Talcum powder in packages	52,996
Face and compact powder	39,510
Cold creams	16,047
Vanishing creams	9,785
Other creams, lotions and balms	28,606
Rouges	12,814
Lipsticks	36,646
Other cosmetics	11,203
Manicuring preparations	18,066
Depilatories and deodorants	3,632
Hair preparations	37,605
Perfumery and toilet waters	8,595
Other toilet preparations	36,292

Medicinal shipments to Hawaii from the United States in 1939 totaled $716,645, against $705,022 in 1938.

Petroleum Solvents Lubricants, Fuels

Demand for Solvents and Diluents Features Market—Kerosene Strong and Scarce — Heating Oils Firmer —Gasoline Improving in All Sections

A noticeable improvement in the demand for various petroleum solvents and lubricants highlighted the refined market last week. Paint manufacturers were more active in their buying of thinners and v.m. & p. naphtha, and tire makers were placing larger orders for stocks of rubber solvent. The market for cleaners' naphtha and stoddard solvent also improved slightly. There were still reports of shading in the petrolatum and white mineral oils market. Paraffin was routine.

Tankwagon kerosene was advanced in New Jersey by one marketer, which was a reflection of the strength this material had been showing for several previous weeks. Prices were very firm in all sections and supplies were limited in several. Heating oils firmed due to the appearance of larger orders for immediate delivery. Gasoline was still showing signs of improvement and the approach of warmer weather will have a stimulating effect on the market. Natural gasoline, 26-70 grade, was reduced in both Texas and Oklahoma to the lowest figure in seven years.

Price Changes

Advanced

Kerosene, tankwagon, .03c. per gal., N.J.

Reduced

Gasoline, natural, 26-70, ¼c. per gal., basis Group 3.

Market news that may have developed after this report was sent to press will be found on page 4.

Solvents and Diluents

Cleaners' Naphtha. — Good movement to cleaning trade. Price steady and unchanged.

Lacquer Diluent.—Pick-up in sales reported. Firm.

Petroleum Thinners.—Broader demand from paint manufacturers. All prices unchanged and firm.

Rubber Solvent.—Heavy deliveries to Akron tire-makers. Rubber trade buying lifted sales volume. Firm price prevailed.

Stoddard Solvent. — Deliveries to cleaning trade at higher level. No price alterations.

V.M. & P. Naphtha.—Paint makers active buyers. Prices firm.

Markets at Other Centers

Chicago—March 28

Demand from paint industry sources is reported coming into petroleum solvents and diluents in fair quantity at this time. Other products are marking time. Prices seem to be fairly stable. Ruling prices in tankcar lots, f.o.b. Group 3, Oklahoma, are:—Blending naphtha, 4c. to 4½c. per pound; cleaners' naphtha, 6⅞c. to 7c.; petroleum spirits, 5⅞c. to 6c.; lacquer diluent, 7⅜c. to 8c.; rubber solvent, 6⅞c. to 7c.; Stoddard solvent, 6⅜c. to 6½c.; v.m.&p. naphtha, 6⅞c. to 7c.

New Orleans—March 28

The paint-making trade was a heavier buyer of v.m.&p. naphtha, and cleaning products were also moving well. Ruling prices are:—

CLEANING SOLVENT.—Boiling range, 225-350, gravity 53, 6¾c., delivered New Orleans in tankcars.

V.M.P. NAPHTHA.—Boiling range 175-425, gravity 48, 6½c., delivered New Orleans in tank cars.

Tulsa—March 28

Continued heavy demand from paint manufacturers, and continued interest of tire makers in rubber solvent gave strength to the general market for petroleum solvents and diluents. Thinners and v.m.&p. naphthas were moving in good volume and call for the solvent was steady. Cleaners' naphtha and Stoddard were also in slightly better position. Ruling prices were:—Rubber solvent, v.m.&p., and cleaners', 6⅞c. to 7c. per gallon; Stoddard, 6⅜c. to 6½c. per gallon, and lacquer diluent, 7⅜c. to 7⅞c.

Lighter Fractions

Butane.—Very firm and in good demand.

Heptane.—Still routine but pick-up from previous week reported. Firm.

Hexane.—Normal deliveries. Price steady and unchanged.

Octanes.—Trade still dull. Price a bit firmer.

Pentanes.—No changes from previous week. Market routine.

Propane.—Good demand. Price very firm.

Petrolatums and Waxes

White Mineral Oils.—Sales volume of domestic grades routine. Deliveries light. Prices still easy but unchanged. Russian oil purely nominal. Material hard to obtain.

Petrolatum.—All grades offered more freely. Demand lighter. Shading of quoted prices still reported. No actual changes made.

Paraffin.—Crude scale wax more available. Demand sluggish. Price steady and unchanged. Refined grades moving well. Prices firm.

Chicago—March 28

Refined petroleum wax is holding its own, with demand fair. Sellers are accepting orders for prompt movement. Most buyers are less anxious to place business than was the case in recent months. Ruling prices are:—122-124, 6.10c. to 6.15c. per pound; 125-127, 6.10c. to 6.15c.; 127-129, 6.35c. to 6.4c.; 130-132, 6.65c. to 6.7c.; 132-134, 6.9c. to 6.95c.

Tulsa—March 28

Less interest was being displayed in the market for crude scale wax but this had no depressing effect on prices. The 124-126 continued to be quoted at 5½c. per pound. Refined grades were in good demand and firm.

Fuels and Lubricants

Gasoline.—Demand more active at New York and vicinity. Undertone of market still weak. Warmer weather expected to bring more consumers into the market for larger orders. Prices steadier.

Kerosene. — Water white material very firm. Supplies hard to obtain.

Fuel and Gas Oils.—Grade C bunker fuel oil less active but still firm. Stocks of heating oil light and offerings limited. Prices very firm.

Lubricating Oils. — Pennsylvania neutrals and bright stocks still in good demand and limited in offerings. Prices firm and unchanged.

Tankwagon Price Changes

Standard Oil Company of New Jersey advanced kerosene .30c. per gallon to 8.4c. in state of New Jersey.

Markets at Other Centers

Chicago—March 28

Demand for gasoline has been restricted by unpropitious motoring weather for some time and as a consequence there is a slowing down of the recovery in the price structure that seemed to be getting under way earlier. However, demand continues to be well ahead of the Winter lows. Kerosene and tractor fuels are coming into active demand. The low temperatures are giving demand for domestic fuels something of a lift. Heavy, industrial fuel oils are quiet, with prices a little easier than in mid-winter. Lubricating oils are a little easier than recently.

GASOLINE.—Low octane motor, 3¾c. to 4c. per gallon; 63-66 octane motor, 4c. to 4¼c.; 67-69 octane motor, 4¼c. to 4½c.; 70-72, octane, regular, 4½c. to 4¾c.; 60-62, 400, 3¾c.; 64-66, 375, 4c. to 4½c.; 68-70, 360, 4½c. to 5c.

KEROSENE.—42-44, water white, 4c. to 4⅛c. per gallon; 41-43, water white, 3⅞c. to 4c.

FURNACE OILS.—Range oil, 3¾c. to 3⅞c. per gallon; No. 1 prime, 3⅝c. to 3¾c.; No. 1 straw, 3½c. to 3⅝c.; No. 2 straw, 3⅜c. to 3½c.; No. 2 dark, 3¼c. to 3⅜c.; No. 3, 3¼c. to 3⅜c.; 32-36, dark, industrial gas oil, 2⅝c. to 2⅞c.

FUEL OILS.—No. 4, $1 to $1.10 per barrel; No. 5, 75c. to 80c.; No. 6, 60c. to 70c.

New Orleans—March 28

Continued steadiness has been the keynote of the domestic market during the past week, with no change in quoted prices. U. S. motor gasoline was 5¼c.; 63-67 octane at 5½c., and 70-72 octane at 6c.—all prices being based on a per gallon rate at refinery. Kerosene was steady at 7⅜c. per gallon at refinery. Bunker C fuel oil was quoted at 90c. per barrel at terminal and 95c. per barrel delivered alongside, while industrial plants in this vicinity were quoted at $1.36 per barrel, delivered alongside.

Tulsa—March 28

Lubricating oils were a bit firmer during the past week in contrast with the weakness that developed two weeks ago. No prices were changed but both bright stocks and neutrals were slightly firmer. A better call for heating was reported and kerosene held firmly. Gasoline was showing signs of improvement, although the undertone of the market was still soft. No prices were changed. The 26-70 natural gasoline was reduced ¼c. Ruling prices were:—

GASOLINE.—U. S. motor third grade, below, 62, 3½c. to 3¾c. per gallon; 63-66, 3⅝c. to 3⅞c.; 67-69, 3¾c. to 4c.; and 70-72, 4¼c. to 4½c. The 68-70 degree is 4½c. to 4¾c.

NATURAL GASOLINE.—In Texas, 26-70, 1¼c. per gallon, while in Oklahoma it is 1½c. The 18-55, 2½c. per gallon in Texas, and 2⅜c. to 2⅝c. in Oklahoma.

KEROSENE.—The 41-43 grade is 3⅞c. to 4c. per gallon, and 42-44 grade is 4c. to 4¼c.

FUEL OIL.—The lowest grades are 50c. to 55c. per barrel, and the 18-22 low-pour point is 70c. to 77½c. The 24-28 zero test is $1 per barrel.

DISTILLATES.—No. 1 prime white at 3¾c. to 3⅞c., and No. 2 straw at 3½c. to 3⅝c.

The State of the Petroleum Market

Both crude oil and gasoline prices were unchanged last week.

	Mar. 29	Mar. 22	Last Year
Crude petroleum prices at well (average for ten fields) per barrel.....	$1.2095	$1.2095	$1.147
Gasoline prices at refineries (at four refining centers) per gallon	.0520145	.0520145	.048125

Petroleum Production—Motor Fuel Stocks

	Barrels	
	1940	1939
	Jan. 1-Mar. 30	Jan. 1-Mar. 30
Commercial crude oil production.....	335,821,024	317,281,169
	Week ended Mar. 30, 1940	Week ended Mar. 31, 1939
Daily average production.....	3,865,832	3,371,831
Bureau of Mines estimate.....	3,500,600	3,340,000
	Week ended Mar. 23, 1940	Week ended Mar. 16, 1940
Estimated motor fuel stocks.....	101,298,000	100,616,000
Estimated finished motor fuel stocks.....	94,770,000	94,143,000

Current prices on petroleum and its products are given in the alphabetical list of prices beginning on page 7

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Elk Hills Oil Title Approved for U.S.

OPD Washington Bureau
March 26, 1940

The Supreme Court of the United States has rejected the second plea of the Standard Oil Company of California for review of a lower court's decree returning to the Federal government title to the oil lands of the Elk Hills field in California. The decree also ordered the oil company to pay the government $6,214,102 for oil taken from the field. The supreme court denied the government the right to collect from the oil company additional interest of more than $6,000,000.

Crude Oil Daily Output Down

Daily average gross crude oil production in the United States during the week ended March 23 was 3,871,450 barrels, a decline of 18,600 from the 3,890,050 of the preceding week, according to the American Petroleum Institute. A decline of 23,900 barrels in the daily average output of California was the most important change.

Stocks of finished and unfinished gasoline in the United States at the end of the week were 101,298,000 barrels, an increase of 682,000 over the 100,616,000 reported a week previously. A year ago these stocks amounted to 86,700,000 barrels. Finished gasoline stocks gained 627,000 barrels to 94,770,000, compared with 80,802,000 on March 23, 1939.

N.Y. City Denied Tax On Bonded Oil Sales

OPD Washington Bureau
March 26, 1940

The Supreme Court of the United States has again denied the City of New York the right to collect its 2 percent sales tax on transactions on imported fuel oil retained in bond until furnished to vessels engaged in foreign commerce. This judgment, pronounced yesterday, exempts the Gulf Oil Corporation from payment of $35,013 in taxes, interest, and penalties. The company contended that the fuel oil involved had never come within the purview of the city's authority.

McK & R Securities Trading Resumed on N.Y. Exchange

Trading in the securities of McKesson & Robbins, Inc., was resumed March 29 on the New York Stock Exchange. The opening quotation for the common stock was $6.87½ per share; preferred, $28.75 per share, and the bonds opened at 95. The common closed at $7.67½; preferred, $30, and the bonds, 96⅛.

H. R. Interdonati, of the Enequest Chemical Company, Brooklyn, will sail April 4 for a combined business and pleasure trip to Puerto Rico and Central America. Mr. Interdonati, who will be accompanied by his wife, will return in late April.

Palestine Potash, Ltd, a company which operates plants at the Northern and Southern ends of the Dead Sea, exports of bromine during the first ten months of 1939, totaled 529 long tons as compared with 324 long tons during the corresponding period of 1938. In the case of potash salts the tonnage rose to 55,389 tons from 36,830.

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Petroleum Cresylics Recognition Proposed

New commercial standards have been prepared by the disinfectant specifications committee of the National Association of Insecticide and Disinfectant Manufacturers for phenolic disinfectants of the emulsifying and soluble types. The proposed standards, intended to replace CS70-38 and CS71-38, are directed mainly to the recognition of phenolic derivatives of petroleum as germicidal agents. To this end the requirements on composition are worded as follows:—

Emulsifying type:—It shall be made from phenolic acids of coaltar, petroleum, or synthetic origin, or combinations of such acids with coaltar oils, and an emulsifying agent.

Soluble types:—(A) the product shall be made from cresol or cresylic acid of coaltar, petroleum, or synthetic origin, and a soap derived from rosin and/or fat and/or oil of vegetable origin; (B) the product shall be made from phenolic acids of coaltar, petroleum, or synthetic origin, and a soap derived from rosin acid and/or fat and/or oil of vegetable origin.

Other proposed changes include the reduction from twelve hours to three hours of the time of exposure at O° C. for the determination of naphthalene crystallization in the emulsifying type, and that the stability of this type is to be maintained "under normal and reasonable conditions of storage," without the reference to an indefinite period.

In explanation of the proposal of two standards for soluble-type disinfectants, the N.A.I.D.M. committee, headed by Dr. E. G. Klarmann, said:—

Because disinfectants produced from certain fractions of the new acids from petroleum show certain properties not associated with disinfectants of coaltar origin, it was necessary to provide for a division into two groups under the heading of "Phenolic Disinfectant, Soluble Type"; group A covers the cresylic disinfectants with phenol coefficients of 2 to 5, and corresponds in practically every detail to the standard specification for cresylic disinfectants CS71-38 now in effect; while group B, covering soluble disinfectants with phenol coefficients of over 5, has been introduced in order to take care particularly of disinfectants made from the higher-boiling fractions of acids from petroleum.

Cresylic Acids From Petroleum Available

—*Continued from page 5*

such as trimethyl and tetramethyl phenols. From the full-range material three successive boiling-range fractions are produced:—Low-boiling (200° - 220°C.), intermediate - boiling (220°-240°C.), and high-boiling (240°-290°C.).

The germicidal values of these latter two are said to be substantially higher than those of lower-boiling fractions from either coaltar or petroleum, and for that reason they are reported to be finding particular favor among disinfectant manufacturers. It is also claimed that these high-boiling fractions are less toxic and produce less skin irritation than the cresylic acids generally available which boil below 220° C. These properties of high germicidal values, lower toxicity, and lower skin irritation are not attributed to the source of the products but are said to be characteristic of the higher molecular weight phenolic homologs of which they are composed.

It has been shown that soluble disinfectants conforming in performance with the commercial standards specification CS71-38 can be prepared with the intermediate-boiling fraction. Such disinfectants will have phenol coefficients in the range of 8 to 12 depending upon the type of soap used in their preparation. Similarly, emulsifiable disinfectants can be prepared with the higher-boiling grade in accordance with the commercial standards specification CS70-38 which will have phenol coefficients ranging up to 36. It has been reported that because of their high germicidal value these two grades are being used as fortifying agents to increase the phenol coefficients obtainable with lower-boiling cresylic acids and tar acid oils.

Fertilizer Materials

Fertilizer Market Retarded in South by Cold and Snow —Chemicals Moving Well But Animal Products Off —Blood, Tankage and Crystal Urea Reduced

The progress in Southern fertilizer markets seen two weeks ago was abruptly halted by colder weather and snow during the period under review. Similarly markets in the East and Midwest lost ground and an easier tone was noted, generally. Various chemicals, notably nitrate of soda and sulphate of ammonia, were moving well on contract, but animal products were sluggish. Tankage and dried blood prices again underwent reductions, following slight signs of strengthening two weeks ago. As previously announced, domestic crystal urea was uniformly reduced today.

Nitrogenates

Castor Pomace.—Price firm, market quiet.

Dried Blood. — Weaker. Reduced 15c. per unit at New York and 25c. at Chicago to level of $2.75 per unit. Imported, firm.

Fish Scrap.—Japanese sardine meal firm and in less demand.

Nitrogen Solution. — Better movement of stocks reported. Quotation unchanged.

Nitrogenous Material. — Shipments lighter. All prices unrevised.

Nitrate of Soda. — Market again more active. Shipments larger. Price firm.

Sulphate of Ammonia.—Tight, with price very firm. Heavy call for supplies reported.

Tankage. — Weaker. Both ground fertilizer material and unground feeding reduced 25c. in New York to level of $2.75 and 10c. per unit. The fertilizer grade and the high-grade feeding were reduced 15c. per unit to price of $2.85 and 10c. at Chicago. The imported was lowered 15c. per unit to $3.10 and 10c.

Urea.—Effective today, domestic crystal urea was reduced $10 per ton to $85, f.o.b. Belle, W. Va.

Potashes

Cottonseed Hull Ash. — Better call for stock reported. Price firm.

Kainit.—Contract deliveries heavier. Price unchanged.

Manure Salts.—Material moving better. Price steady.

Muriate. — Movement to mixers steadier. Quotations unaltered.

Sulphate.—Tight. Supplies scarce.

Phosphates

Bone Materials. — Feed manufacturers buying satisfactorily. Fertilizer grades sluggish. All prices steady and unchanged.

Prosphate Rock.—Deliveries normal. Prices firm.

Superphosphate.—Demand at good level. Price steady.

Sulphur and Pyrites

Sulphur for agricultural use was in better demand. No changes in the quoted price reported. Spanish pyrites nominal. Canadian material scarce and firm.

Markets at Other Centers

Atlanta—March 27

The fertilizer material market is reported making progress by fits and starts. Cold waves have been delaying consumer action. The vicious easter snap that carried snow down into the cotton belt served to further delay the already late season.

Prices of fertilizer materials show some changes but not the change upward that has usually attended this stage of the market. In fact, it is the comment of the trade that with all that has been occurring to boost prices, that they have remained low.

Quotations of this market are as follows:—

SUPERPHOSPHATE.—52 cents per unit, producing points.

NITRATE OF SODA.—$27 per ton, basis ports.

SULPHATE OF AMMONIA.—$28 per ton, ports.

COTTONSEED MEAL.—8 percent grade, $31 to $31.50, Southeastern points.

BLOOD.—$3.10 per unit, c.i.f.; domestic, $2.75, Chicago

TANKAGE.—Imported, $3.10 and 10c. per unit, ports; $2.85 and 10c. Chicago.

NITROGENOUS.—Domestic, $1.95, Midwest points; imported, $2.45.

Chicago—March 27

Continued easiness and lower prices are noted in the fertilizer materials market and the feeling seems to be along the lines of a less reassured attitude on the part of buyers. Inquiries are somewhat limited and material is moving out on orders in quite restricted quantities. Blood has been slow and rather halting in market action. Bone materials are quiet and less active than in some time. Tankage business is reported quiet and rather dull.

BLOOD.—Principal grade, $2.75 per unit of ammonia.

TANKAGE.—High grade, feeding, $2.85 and 10c.; hoof meal, $2.25 to $2.50; liquid stick, $1.50 to $1.75.

BONE MATERIALS.—Ground, steamed bone, 1¼ and 60 percent, $29 to $30; 3 and 50 percent, $32; 4½ and 50 percent, $32 to $33; grinding hoofs, pigs' toes and waste horn materials, $35 to $40; cattle jaws, skulls and knuckles, $34 to $35; beef cracklings, soft pressed, $35 to $40; pork cracklings, soft pressed, $47.50 to $50; hard pressed cracklings, per unit of protein, 70c. to 72½c.

Baltimore—March 27

The market for crude fertilizer materials has shown no indications of coming to life. Buying continues limited. The figures mentioned are about as follows:—

FISH SCRAP.—Menhaden meal is nominally held at $59 per ton in carload lots, basis Baltimore, with Japanese sardine meal at $52 per ton.

TANKAGE.—The market continues inactive, with last business reported at $2.85 and 10c. per unit-ton for 10 to 11 percent for unground feeding material.

DRIED BLOOD.—Inactivity also characterizes the trade in this product, with the last business done on the basis of $2.75 per unit-ton.

SUPERPHOSPHATE.—The market remained unchanged at $8.50 per ton for run-of-pile and at $9 for 16 percent milled and screened material, with trading about as it has been. A better tone may be expected to develop with improvement in the weather.

San Francisco—March 27

Organics are holding steady now with buying light. There is no particular feature of the market. Deliveries against previous contracts are swelling and application is getting to be quite active in some districts. Ruling prices are:—

SULPHATE OF AMMONIA.—Sellers' offerings light.

SUPERPHOSPHATE.—Domestic, 78c.

Price Changes

Advanced

None

Reduced

Blood, dried, dom., 15c. per unit, f.o.b. N.Y.
high-grade grd., 25c. per unit, f.o.b. Chi.
Tankage, grd. fertilizer, 25c. per unit, f.o.b. N.Y.
ungrd. feeding, 25c. per unit, f.o.b. N.Y.
fertilizer, 15c. per unit, f.o.b. Chi.
high-grade feeding, 15c. per unit, f.o.b. Chi.
imported, 15c. per unit, c.i.f. ports.
Urea, crystal, dom., $10 per ton.

Comparative Values

Index numbers compiled from four typical fertilizer materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
67.0	67.0	67.0	66.3

Market news that may have developed after this report was sent to press will be found on page 4.

Current prices on fertilizer materials are given in the alphabetical list of prices beginning on page 7

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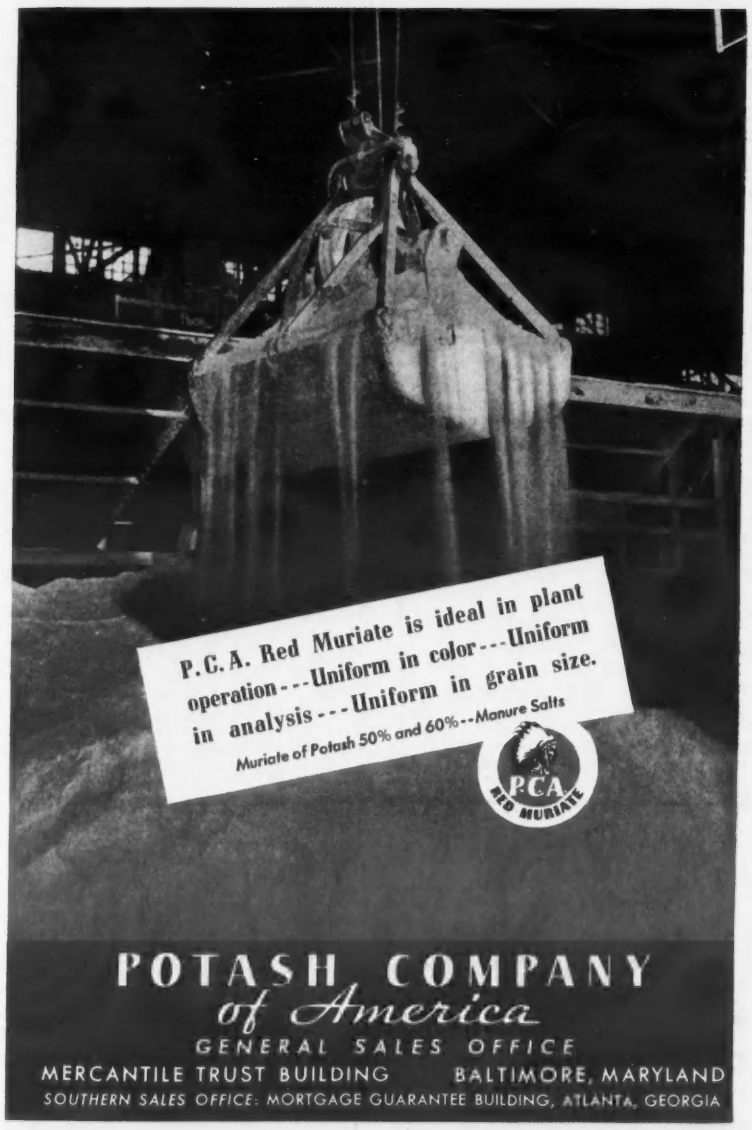
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per unit in bulk, f.o.b. San Francisco Bay. Bags, 90c. per unit.

NITRATE OF SODA.—100-pound bags, $29 per ton; 200-pound bags, $28.30 per ton, both ex-vessel or warehouse.

FISH MEAL.—California sardine meal, $51.50 per ton, San Francisco and $50 Monterey. Canadian herring meal, $49 per ton, f.o.b. British Columbia.

TANKAGE.—Unground fertilizer grade, wet rendered, domestic, $2.40 and 10c. per unit-ton, f.o.b. cars, Northern California. Dry rendered, ground, 50 percent, $38.50 per ton, f.o.b. cars, south San Francisco; unground, dry rendered, 65c. to 67½c. per unit of protein, f.o.b. cars, south San Francisco.

BLOOD MEAL.—Nominal. Quoted at $2.75 per unit, f.o.b. cars, Los Angeles.

BONE MEAL.—From $29 to $35 per ton, delivered Pacific Coast ports.

Superphosphate Ordered By 25 States from AAA

OPD Washington Bureau March 26, 1940

Twenty-five States have ordered this year 132,392 tons of superphosphate, of which 7,403 tons is 20 percent superphosphate, under the AAA grant-of-aid project, the Agricultural Adjustment Administration announced today. These figures, which include orders for deferred delivery, are for the period January 1 to March 22.

Last year 122,298 tons of concentrated superphosphate were furnished to farmers, compared with 66,946 tons in 1938, and 25,081 tons in 1937 when the project was first begun.

Superphosphate is being furnished by the AAA in place of conservation payments to cooperating farmers for use in carrying out soil-building practices under the agricultural conservation program. Most of the material is being delivered immediately, but part of the total amount will be sent in the Spring or Summer.

Orders this year range from 57,191 tons of superphosphate for Kentucky to 21 tons for Oklahoma. Vermont was the only State to order 20 percent superphosphate, asking 7,403 tons. Other States either have not yet sent in their orders, or cannot receive it under a grant-in-aid.

Ammonia Sulphate Shipped In Cotton Bags Successfully

An experiment in the use of cotton bags for the packing of sulphate of ammonia has proved successful, according to the Cotton-Textile Institute, this city. Two of the larger sulphate producers have been using the cotton sacks for shipment this season, the institute said, and when the fertilizer reached its destination it was in perfect condition. Heretofore the use of cotton was impractical due to the presence of free sulphuric acid, but recent efforts to neutralize the sulphate have been increasingly successful, the institute reported.

Potash Import Organization Formed in Latvia

A joint-stock company, known as Kalija Apgade (Potash Supply Corporation), with a capital of about $28,000, has been formed for importation of potash fertilizer salts. In recent years Germany has supplied 90 percent of Latvian imports. The new company will handle re-exports to Estonia and Latvia, according to the American consul at Riga, in advices to the Department of Commerce, Washington.

Potash Sales Co. Formed By German Producers

The Kalij Company, formed about a year ago in Belgrade, Jugoslavia, as the joint sales agency for French and German producers of potash, is to be liquidated, according to advices to the Department of Commerce, Washington. The German interests have established a new company known as the Potash Trading Company, capitalized at 1,100,000 dinar.

Corporation Earnings Recently Reported

	Period.	1939 Net income.	1939 Per share.	1938 Net income.	1938 Per share.
American Air Filter Co.	Year	$350,967	$2.18	.....	...
American Commercial Alcohol Corp.	Year	100,627	6.39	*$455,857	...
American Cyanamid Co.	Year	5,524,941	2.07	2,452,912	$0.91
American Home Products Corp.	Year	4,205,611	5.23	3,022,622	3.75
American Smelting & Refining Co.	Year	13,057,145	4.36	10,611,808	3.24
American Zinc, Lead & Smelting Co.	Year	*319,632	....	*53,269	...
Armstrong Cork Co.	Year	4,485,009	3.03	1,150,795	.77
Barnsdall Oil Co.	Year	1,720,292	.76	2,837,897	1.26
Climax Molybdenum Co.	Year	10,309,586	4.09	7,872,141	3.12
Columbian Carbon Co.	Year	2,857,103	5.32	2,757,540	5.13
Dow Chemical Co.	9 Mos.	5,495,945	5.11	2,440,560	2.34
Duval Texas Sulphur Co.	Year	628,014	1.26	354,259	.71
Federal Mining & Smelting Co.	Year	842,851	3.42	335,650	1.14
Gillette Safety Razor Co.	Year	3,284,797	.89	2,941,890	.72
Hinde & Dauch Paper Co.	Year	862,384	1.90	645,778	1.29
Interchemical Corp.	Year	1,581,961	4.10	485,383	.32
International Nickel Co. of Canada, Ltd.	Year	36,847,406	2.39	32,399,470	2.09
Kennecott Copper Corp.	Year	33,947,443	3.14	22,689,660	2.10
Koppers Co.	Year	1,935,591	...	1,159,805	...
Lehn & Fink Products Corp.	Year	624,661	1.56	420,414	1.05
McKeesport Tin Plate Corp.	Year	178,486	.25	*679,238	...
National Cylinder Gas Co.	Year	1,001,306	1.06	471,057	.50
Newmont Mining Corp.	Year	2,243,462	4.22	2,422,105	4.56
Newport Industries	Year	409,311	.66	*47,184	...
Pennsylvania Glass Sand Corp.	Year	555,878	1.18	435,643	.81
Phelps Dodge Corp.	Year	12,278,601	2.42	8,656,824	1.71
Phillips Petroleum Co.	Year	9,833,314	2.21	9,049,122	2.03
Reynolds Metals Co.	Year	1,526,891	1.22	571,115	.29
St. Regis Paper Co.	Year	547,819	.06	*196,018	...
Standard Oil Co. of Indiana	Year	34,142,642	2.24	27,771,976	1.82
Sweets Co. of America	Year	31,975	.38	104,584	1.23
Texas Corp.	Year	32,886,807	3.02	23,139,030	2.13
United States Smelting, Refining & Mining Co.	Year	5,215,908	6.77	4,114,374	4.68
Union Carbide & Carbon Corp.	Year	35,847,400	3.86	25,173,412	2.77
Wrigley (Wm.), Jr. Co.	Year	8,650,976	4.41	7,653,780	3.88

* Deficit.

Phosphate Rock Exports Decline 1% in 1939

Domestic demand for phosphate rock improved in 1939, but not quite enough to offset the curtailment in exports caused in part by the blockade of Germany after the outbreak of war in September. Total shipments as reported by American producers to the Bureau of Mines were 3,703,523 long tons, valued at $12,167,837, a decrease of 1 percent in tonnage and 6 percent in value compared with those in 1938.

Mined production rose to 3,985,864 tons in 1939, a 3 percent gain over the preceding year, but still below the 1937 peak of 4,261,416 tons. Imports were smaller even than usual, only 3,500 tons compared with 7,006 tons in 1938 and 13,400 in 1937. Exports totaled only 949,006 tons compared with 1,140,841 in 1938 and 1,052,802 in 1937.

Sales of rock to superphosphate plants increased 3 percent, reflecting an increase in bulk superphosphate output from 3,575,588 short tons in 1938 to 3,801,194 tons in 1939, but stocks of phosphate rock in miners' hands also increased over 1938. Phosphate rock was mined in Florida, Tennessee, Idaho, and Montana, and apatite in Virginia.

Industrial Ideas Reviewed

Another compilation of newsworthy items of interest to the rubber, paper, chemical, and related industries is presented in the February edition of *Witcombings*, published by Wishnick-Tumpeer, Inc. An outstanding section of the booklet reviews new ideas in production and maintenance, and briefly describes such items as a hand-clamping mixer, a baled rubber cutter, a filling machine, and a tank inspection light. A copy of the volume may be secured from Wishnick-Tumpeer, Inc., 295 Madison avenue, New York, mentioning the REPORTER.

Tarapaca & Antofagasta Nitrate Company, affiliated with the Chilean Nitrate & Iodine Sales Corporation, plans construction of a new process mechanical nitrate plant in Antofagasta Province, with an annual production capacity of 500,000 tons.

Patent Rights And Price Control

—*Continued from page 37*

tion[5], sums up the result as follows:—"We have, through these supplemental investigations, been able to correct the ethyl picture to a considerable extent, and have succeeded in eliminating from our jobber lists some of our former accounts who were not a credit to us as licensees of the Ethyl Gasoline Corporation."

[5] The investigator is reminded in the Field Representative Manual that the question as to "business ethics" "can be answered only if the field representative has obtained sufficient information to be sure of his opinion." "Ethics of the jobber is based on the territory in which he is marketing and the conditions surrounding the sale of gasoline by other ethyl gasoline distributors. Care should be taken, if possible, to find out the instigator of any practices which tend to unfair competition. Business ethics is a relative quality and no hard and fast rule can be given to govern all cases. Information given to field representatives and picked up in the various contacts should be weighed carefully before a final decision is reached. One of the three words, 'good,' 'questionable,' or 'unethical' is to be used in answering this question."

In January, 1935, the question as to "business ethics" was eliminated from the report of field agents. But business ethics has since continued to be one of the principal subjects of investigation and, as before, the result of the field agent's investigation has been included in his report and his recommendations have been generally accepted and acted upon by his superiors.

(*To be continued*)

Rumford Chemical Fetes New Sales and Ad. Head

The Rumford Chemical Works, of Rumford, R. I., gave a reception for approximately 100 guests in the Hampshire House, this city, March 26, to introduce R. E. Gaylord and Z. W. Penny, jr., recently appointed sales manager and advertising manager respectively, of the organization. A. E. Marshall, president of the Rumford company, was toastmaster of the occasion.

A feature of the affair was the presentation of Theodore Sweet, New England district manager of the company, and an active member of the Providence Players, in costume as the ghost of Count Rumford, the discoverer of baking powder, after whom the company was named. Another highlight was a display of the newly adopted package of the company's baking powder.

Steel Barrel Output Off

February production of heavy type steel barrels and drums amounted to 802,960. This compared with 1,137,543 in January, and 597,593 in February a year ago. Stocks at the end of the month amounted to 36,033, as against 41,708 at the end of January. Unfilled orders at the end of February totaled 335,183, compared with 450,032 at the end of January. Output of light type drums and barrels in February totaled 204,398, against 248,221 in January, and 151,753 in February last year. Stocks at the end of the month amounted to 43,330, against 40,446 at the end of January. Unfilled orders totaled 98,595 at the end of February, compared with 143,286 at the end of January.

Bids Wanted

Ammoniac, Sal:—12,000 pounds; Chemical Warfare Service, Edgewood Arsenal, Md.; procurement 578, opening April 9.

Ammonia Perchlorate:—20,608 pounds; Chemical Warfare Service, Edgewood Arsenal, Md.; procurement 574, opening April 3.

Antimony:—600 pounds; Chemical Warfare Service, Edgewood Arsenal, Md.; procurement 578, opening April 9.

Bluing Compound:—700 pounds; Commanding Officer, San Antonio, Tex.; procurement 41, opening April 19.

Corrosion Preventive Compound:—7,400 gallons; Contracting Officer, Materiel Division, Wright Field, Dayton; procurement 1240, opening April 3.

Cream of Tartar:—3,000 pounds; Commanding Officer, Frankford Arsenal, Pa.; procurement 1511, opening April 3.

Castor Oil:—2,100 gallons for Eastern and Western yards; Bureau of Supplies & Accounts, Navy Department, Washington; schedule 1189, opening April 16.

Cutting Oil:—1,000 gallons; Commanding Officer, Picatinny Arsenal, N. J.; procurement 1297, opening April 8.

Fuel Oil:—60,000 barrels of bunker C; General Purchasing Officer, Panama Canal, Washington; schedule 3988, opening April 10.

Gasoline:—Supplies for region 5 during period July 1 to September 30; Chief, Procurement Division, Treasury Department, Washington; procurement 22934-G, opening April 10. Supplies for region 6 during period July 1 to September 30; Chief, Procurement Division, Treasury Department, Washington; procurement 22934-G, opening April 10.

Hexachlorethane:—90,000 pounds; Chemical Warfare Service, Edgewood Arsenal, Md.; procurement 578, opening April 9.

Laundry Soap:—260,000 pounds; Quartermaster Supply Officer, San Antonio, General Depot, Fort Sam Houston, Tex.; procurement 502-208, opening April 9.

Lead Arsenate:—2,544 pounds; Division of Purchases, Sales & Traffic, Department of Agriculture, Washington; procurement 8156, opening April 9.

Lime, Hydrated:—60,000 pounds; U. S. Engineer Office, Fort Peck, Mont.; procurement 144, opening April 3.

Paint Thinner:—2,640 gallons; Chief, Procurement Division, Treasury Department, Washington; procurement 7894-S5, opening April 5.

Paints:—Supplies of; Contracting Officer, Chief of Engineers, Munitions Building, Washington; procurement 136, opening April 4.

Potash Chlorate:—100 pounds; Chemical Warfare Service, Edgewood Arsenal, Md.; procurement 578, opening April 9.

Prussiate:—2,000 pounds; Contracting Officer, Materiel Division, Wright Field, Dayton; procurement 1240, opening April 3.

Rust Preventive Compound:—Supplies for Eastern and Western yards; Bureau of Supplies & Accounts, Navy Department, Washington; schedule 1196, opening April 16.

Salt, Rock:—4,000 pounds; Assistant Director, Bureau of Prisons, Department of Justice, Washington; procurement 2319, opening April 3.

Soap, Grit:—5,775 pounds; Purchasing Agent, Post Office Department, Washington; procurement 58, opening April 8.

Toilet:—82,500 pounds; Chief, Procurement Division, Treasury Department, Washington; procurement 7873-S2 opening April 4.

Scouring Compound:—7,440 pounds; Chief, Procurement Division, Treasury Department, Washington; procurement 7892-S3, opening April 5.

Superphosphate:—Supplies as required during period ending September 15; Division of Purchases, Sales & Traffic, Department of Agriculture, Washington; procurement 8156, opening April 9.

Whiting:—12,000 pounds; Chemical Warfare Service, Edgewood Arsenal, Md.; procurement 578, opening April 9.

Zinc Dust:—75,000 pounds; Chemical Warfare Service, Edgewood Arsenal, Md.; procurement 578, opening April 9.

Chem. Sales Trends Described

Recent developments in the chemical market are reported in the March issue of *The Test Tube*, published by the Thompson-Hayward Chemical Company, chemical manufacturers sales representative with branches throughout the Midwest area. Featured by the booklet are the influences on the market which may result from the current belligerent activities. Copies of the edition may be obtained from the main offices of the Thompson-Hayward Chemical Company, in Kansas City, Mo., by those mentioning the REPORTER.

Newsprint from Tenn. Pine Planned at $4,200,000 Plant

Construction of a $4,200,000 plant of the Tennessee Valley Paper Mills, Inc., at Savannah, Tenn., will be started as soon as approval has been obtained from the Securities and Exchange Commission for issuance of stock, it was announced by S. W. Duggan, of Knoxville, treasurer. He said the stock already had been subscribed. The firm will make newsprint from Tennessee slash pine.

J. A. Hamilton has been elected a vice-president of Wilson & Co., meat packer, Chicago.

Natural Nitrate of Soda
Natural Potash Nitrate
Natural Iodine

CHILEAN NITRATE SALES CORPORATION
120 BROADWAY, NEW YORK, N. Y.

Shipping Information

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Imports at U.S. Ports

New York Imports

ACID, NAPHTHENIC—1 cs, Petroleum By Product Co, Tampico
NAPHTHENIC RESIDUE—139 dms, Robert Joseph, Tampico
TARTARIC—500 bbls, Mercantile Export & Import Corp, Europe

AGAR—20 bls, Japan
10 cs, Japan

ALCOHOL—1 dm, New York & Cuba Mail S S Co, Havana

ALOE—200 cs, Wessel, Duval & Co, Curacao

AMMONIA, SILICOFLUORIDE—40 bbls, 50 bgs, F H Taussig, Rotterdam

ANISE—143 bgs, Trieste

ANNATTO SEED—200 bgs, D Steengrafe, Kingston
200 bgs, United Fruit Co, Kingston

ANTIMONY ORE—855 bgs, Watson, Geach & Co, Arica
3,147 bgs, W R Grace & Co, Antofagasta
735 bgs, W R Grace & Co, Antofagasta
350 bgs, New York & Cuba Mail S S Co, Vera Cruz
310 bgs, Migeot Freres, Tampico
611 bgs, Minerals & Metaux, Tampico
2,720 bgs, Cookson Lead & Antimony Co, Tampico

ASBESTOS—322 bgs, Asbestos Corp, Capetown
1,200 bgs, Union Asbestos & Rubber Co, Capetown
15 bgs, Walker & Forbes, Genoa
2,155 bgs, Johns Manville Corp, Capetown
214 bgs, Raw Asbestos Distr, Ltd, Beira

ASPARAGINE—1 cs, S B Penick & Co, Leghorn

ASPHALT—215 bgs, J J Gavin & Co, Havana

BALSAM—2 dms, Fritzsche Bros, Kingston

BARIUM CHLORATE — 300 bbls, International Selling Corp, Europe

BARK SIFTINGS—6 bgs, W M Allison & Co, Nassau

BELLADONNA ROOT—29 bgs, R J Prentiss & Co, Trieste

BIRCH TAR—14 dms, McKesson & Robbins, Bergen

BISMUTH ORE—27 bgs, W R Grace & Co, Mollendo

BLOOD—1 cs, Rockefeller Foundation, Port Limon

BRISTLES—14 cs, M Broverman & Son, Europe

BUCHU LEAVES—20 bls, S B Penick & Co, Capetown

CALABAR BEANS—37 bgs, Superintendence Co, Freetown

CALCIUM, METALLIC—5 cs, Charles Hardy, Marseilles
SILICIDE—179 kgs, Peake Pipe Foundry & Machine Co, Europe

CANAIGRE ROOT—46 bgs, New York & Cuba Mail S S Co, Vera Cruz

CANARY SEED—500 bgs, Balfour, Guthrie & Co, Buenos Aires
211 bgs, C Clausen & Co, Buenos Aires

CARAWAY SEED—100 bgs, Levy & Levis Co, Rotterdam
100 bgs, R L Friedler, Rotterdam
50 bgs, Levy & Levis Co, Rotterdam

CARDAMOM—3 dms, L A Champon, Puerto Barrios
6 cs, Colombo

CASEIN—66 bgs, American Cyanamid & Chemical Corp, Auckland
480 bgs, American Cyanamid & Chemical Corp, Auckland
1,000 bgs, Willis & Cupitt, Buenos Aires
1,000 bgs, American British Chemical Supplies, Buenos Aires
423 bgs, H S Cramer & Co, Buenos Aires

CASTOR BEANS—909 bgs, Bank of New York, Cristobal
13,560 bgs, Cocanada
111 bgs, Curacao

CHEMICALS—4 cs, Allonson Bayonne Co, Genoa
10 cs, Firmenich & Co, Genoa
2 cs, Lo Curto & Funk, Europe
1 cs, E Fougera & Co, Europe
30 cs, Concentrate Mfg Co, Europe
300 cans, International Selling Corp, Europe
206 dms, Philip Bauer Co, Europe
17 dms, Michel Export Co, Rotterdam
40 cs, Michel Export Co, Rotterdam
12 cs, E I Du Pont de Nemours Co, Rotterdam
2 cs, 1 dm, American Express Co, Rotterdam
16 dms, Merck & Co, Europe
5 cs, E Fougera & Co, Europe
15 bbls, Merck & Co, Europe
4 bbls, Guthery Co, Rotterdam
6 cs, E I Du Pont de Nemours Co, Rotterdam

CHROME ORE—742 tons, 14 cwt, 1 qtr, 24 lbs, Frank Samuels & Co, Lourenco Marques
4,000 tons, E J Lavino & Co, Beira
304 tons, 3 cwt, 14 lbs, Frank Samuels & Co, Lourenco Marques
9,000 tons, Noumea, New Caledonia

CINCHONA PRODUCTS—42 cs, R W Greeff & Co, Rotterdam
15 cs, R W Greeff & Co, Rotterdam

CINCHONINE SULPHATE—25 cs, New York Quinine & Chemical Works, Rotterdam

CINNAMON—50 bls, J Barquin & Co, Colombo

COBALT METAL OXIDE—77 pkgs, Central Trading Corp, Antwerp

RESIDUE—189 dms, African Metal Corp, Beira

COCHINEAL—50 bls, H H Pike & Co, Rotterdam

COCOA BEANS—3,200 bgs, Rockwood & Co, Accra
3,200 bgs, Banque Canadienne Natl, Accra
4,800 bgs, Rockwood & Co, Accra
1,887 bgs, Banque Canadienne Natl, Accra
8,000 bgs, Rockwood & Co, Takoradi
150 bgs, H Arzagot, La Guaira
300 bgs, Est Adler, La Guaira
250 bgs, V G Aufosi, La Guaira
450 bgs, H Arzagot, La Guaira
50 bgs, Meyer & Co, Porto Cabello
432 bgs, W R Grace & Co, Porto Cabello
150 bgs, Nieschlag & Co, Porto Cabello
100 bgs, Wessel, Duval & Co, Porto Cabello
500 bgs, W R Grace & Co, Guayaquil
250 bgs, W R Grace & Co, Manta
2 pkgs, Fruit Dispatch Co, Port Limon

COCOA BEANS—250 bgs, Wessel, Kulenkampf & Co, Trujillo
500 bgs, Cristobal
250 bgs, A Canale, Cristobal
575 bgs, Kennedy, Butcher & Co, Trinidad
950 bgs, Wessel, Kulenkampf & Co, Trinidad
300 bgs, La Guaira
500 bgs, Middleton & Co, Port Spain
250 bgs, Wood & Selick, Port Spain
250 bgs, W R Grace & Co, Port Spain
1,710 bgs, Juan Fraseschi, Carupano
325 bgs, Antoni & Co, Carupano
300 bgs, Banco de Venezuela, Carupano
500 bgs, Wessel, Duval & Co, Rio Caribe
500 bgs, Nieschlag & Co, Rio Caribe
1,500 bgs, P Prosperi & Co, Rio Caribe
400 bgs, Wessel, Kulenkampf & Co, Rio Caribe
300 bgs, La Guaira
4 bgs, Porto Cabello
250 bgs, Porto Cabello
250 bgs, La Guaira

COCOABUTTER, REFD—20 cs, R W Greeff & Co, Rotterdam

COCONUT, DESIC—2,000 bgs, General Food Corp, Manila
1,000 pkgs, General Food Corp, Manila
175 cs, Wood & Selick, Colombo

COCONUTS—280 bgs, I L Toledano Corp, Cristobal
189 bgs, General Food Corp, Kingston

CODLIVER MEAL—500 bgs, Norway

COLORS—100 cs, American Dyewood Co, Europe
5 cks, St Denis Kuhlman, Europe
1 ck, French Line, Europe

ARTISTS—3 cs, Talens & Son, Rotterdam

DRY—50 cks, H S Head, Rotterdam
2 cks, Rotterdam

CONCENTRATES—2,146 pcs, E D Sassoon Banking Corp, Lourenco Marques
1,000 bgs, Lourenco Marques

CORK, WASTE—357 bls, H Suhl, Algiers

WOOD—269 bls, Wicander & Co, Algiers

CUBEBS—8 bgs, F B Ross & Co, Singapore

CUTTLEFISH BONES—66 cs, R T French Co, Europe
40 cs, American Cuttlefish Bone Co, Europe

DANDELION ROOT—22 bgs, R J Prentiss & Co, Trieste

DERRIS ROOT—1 pkg, Greene Trading Co, Mombasa

DEXTRIN—50 bgs, American Cyanamid & Chem Co, Rotterdam

POTATO—250 bgs, Stein, Hall & Co, Rotterdam
100 bgs, American Cyanamid & Chem Co, Rotterdam

DRUGS—90 bls, Brown Bros, Harrimann Co, Trieste
77 bgs, Guaranty Trust Co, Trieste

DYES, ANILIN—8 dms, L & R Organic Prod Co, Rotterdam
32 bbls, St Claire Dyestuff Corp, Europe

EARTH—9 cs, Venezuela Petroleum Corp, La Guaira

EUPHORBIA—14 bls, Colombo

FAT—162 dms, Sydney

FERTILIZER—12 cs, Penson & Co, Rotterdam

FILTER PAPER—5 cs, E H Sargent, Gothenburg
70 bls, Reeve, Angel & Co, Europe
16 cs, Reeve, Angel & Co, Europe
86 cs, E Fougera & Co, Bordeaux

FLAXSEED—1,112 bgs, 2,446 bus, Buenos Aires
5,999 tons, 239,960 bus, Bunge North American Grain Co, Necochea
163 bgs, 358 bus, C Clausen & Co, Buenos Aires
2,344 bgs, 5,156 bus, Archer Daniels Midland Co, Necochea
5,265,700 kilos, 210,628 bus, Archer Daniels Midland Co, Necochea
6,410 bgs, 14,102 bus, Archer Daniels Midland Co, Montevideo
815,282 kilos, 32,611 bus, Archer Daniels Midland Co, Montevideo

FLEASEED—20 bgs, Julian C Lyon, Marseilles

FLOWER WATER—10 dms, Lo Curto & Funk, Marseilles

GELATIN—61 pkgs, International Selling Corp, Antwerp

POWDERED—100 bgs, T M Duche & Sons, Rotterdam

SHEET—30 cs, 63 bls, International Selling Corp, Antwerp

GLASS, FIGURE—15 cs, Leo Popper & Son, Antwerp

PLATE—2 cs, Saftee Glass Co, Antwerp

WINDOW—3,450 cs, Seymour & Cole & Co, Antwerp
200 cs, L Solomon & Son, Antwerp
1,500 cs, Seymour & Cole & Co, Antwerp
50 cs, Guardian Import Co, Antwerp
13 cs, Seymour & Cole & Co, Antwerp
37 cs, H S Head, Antwerp

GLUE—40 bgs, International Selling Corp, Europe
46 cs, Rex Reynolds, Europe

GRAPHITE—286 bgs, Irving Trust Co, Colombo
552 bgs, Paterson, Boardman, Knapp, Colombo
250 bgs, Jos Dixon Crucible Co, Colombo
250 bgs, Asbury Graphite Mills, Belawan Deli
800 bgs, Siciete General des Graphites, Belawan Deli
500 bgs, Asbury Graphite Mills, Belawan Deli
900 bgs, Belawan Deli
150 bgs, Per Maxime Darrteur, Belawan Deli

POWDERED—500 bgs, Asbury Graphite Mills, Belawan Deli

GREASE, WOOL—23 dms, English, Scottish & Australian Bank, Melbourne
147 dms, 7 cks, H S Dorf & Co, Europe

GUM, ARABIC—280 bgs, American Export Line, Alexandria
500 bgs, Innis, Speiden & Co, Alexandria
40 bgs, American Export Line, Alexandria

CHICLE—75 bls, Chicle Development Co, Kingston

DAMMAR—100 cs, Thurston & Braidich, Batavia
490 bgs, O G Innes Corp, Singapore
210 bgs, Thurston & Braidich, Singapore
250 bgs, Thurston & Braidich, Batavia
100 bgs, Thurston & Braidich, Batavia
70 bgs, O G Innes Corp, Singapore
50 cs, Gillespie, Rogers, Pyatt Co, Singapore

GUM, DAMMAR—210 bgs, France, Campbell & Darling, Singapore
420 bgs, O G Innes Corp, Singapore
50 bgs, Thurston & Braidich, Batavia
50 cs, O G Innes Corp, Singapore

KAURI—56 cs, Gillespie, Rogers, Pyatt Co, Auckland

LOCUST BEAN—100 bgs, Jacques Wolf & Co, Genoa
40 bgs, J E Bernard & Co, Genoa

MASTIC—20 cs, S B Penick & Co, Beyrouth

TRAGACANTH—23 cs, 6 bgs, Gulbenkian Bros & Co, Haifa
160 bgs, E Meer & Co, Beyrouth

YACCA—377 bgs, Commercial Banking Corp, Port Adelaide

GYPSUM, POWD—11 bbls, Grace Line, Leghorn

HENBANE LEAVES—14 bls, R J Prentiss & Co, Trieste

HENNA LEAVES—89 bls, American Export Line, Alexandria

HERBS, MED—9 bls, Peek & Velsor, Trieste

HOPS—5 bls, Nellie F Turner, Rotterdam

IRISH MOSS—50 bls, S B Penick & Co, Europe
100 bls, C H Reisig, Europe
15 bgs, Europe
80 bls, J Capanya, Europe

ISINGLASS—20 cs, England
22 cs, England

JALAP ROOT—14 bgs, S B Penick & Co, Vera Cruz

KOLA NUTS—210 bgs, Barclay Bank, Lagos
23 bgs, Peek & Velsor, Kingston

LAVENDER FLOWERS—20 bls, R J Prentiss & Co, Marseilles

LEAVES, MED—4 bls, Van Loan & Co, Marseilles
33 bgs, Peek & Velsor, Marseilles

LICORICE, PASTE—15 cs, Chase Natl Bank, Marseilles

ROOT—150 bls, W A Martin, Tripoli
8 bls, Peek & Velsor, Marseilles
150 bls, S B Penick & Co, Tripoli
68 bls, W E Martin, Tripoli

WASTE—18 bgs, W E Martin, Tripoli

LIVERMEAL—200 bgs, Sydney

MAGNESITE—1 ck, General Refractories Co, Sydney

MANGANESE ORE—3,000 tons, Chase Natl Bank, Durban

SULPHATE—4 cks, Jungmann & Co, Rotterdam

MATCHES—1,000 cs, Grace Line, Antwerp

MEDICINAL PREPS—25 cs, Guaranty Trust Co, Rotterdam
25 cs, Guaranty Trust Co, Rotterdam
25 cs, Biddle Purchasing Co, Rotterdam

MENTHOL—85 cs, Consumers Import Co, Shanghai

MICA, BLOCK—100 cs, Otto Gerdau Co, Calcutta

SPLITTINGS—100 cs, F D Pitts Co, Calcutta
226 cs, Mica Insulator Co, Calcutta
69 cs, General Electric Co, Calcutta
350 cs, General Electric Co, Calcutta
112 cs, E J Cornelius, Calcutta
100 cs, Otto Gerdau & Co, Calcutta
26 cs, American Mica Works, Calcutta

MINERAL CONCENTRATES—408 bgs, Derby & Co, Ltd, Beira

ORE—1,299 bgs, Carr Bros, Vera Cruz

MINERALS—112 bgs, Watson, Geach & Co, Barranquilla
424 bgs, American Metal Co, Barranquilla

MOLASSES—172,000 gls, American Molasses Co, Havana

MUSTARD SEED—50 bgs, Knickerbocker Mills Co, Rotterdam
300 bgs, Catz American Co, Rotterdam

NAPHTHALENE—1,211 bgs, Calco Chemical Co, Lourenco Marques

NIGELLA SEED—40 bgs, Ideal Trading Corp, Calcutta

NIGER SEED—134 bgs, Colombo

NUTGALLS—25 bgs, Corn Exchange Bank Trust Co, Tripoli

OCHER—1,082 bgs, Reichard-Coulston, Marseilles
870 bgs, Reichard-Coulston, Marseilles
800 bgs, Reichard-Coulston, Marseilles
35 cks, C B Chrystal & Co, Marseilles
1,760 bgs, Reichard-Coulston, Marseilles

OIL, ALMOND—40 cs, W J Bush & Co, Marseilles
50 cs, J Manheimer, Inc, Marseilles
50 cs, 2 dms, Dodge & Olcott Co, Marseilles

CARAWAY—23 cs, Fritzsche Bros, Rotterdam

CLOVES—10 cks, Belawan Deli
8 cks, Guaranty Trust Co, Belawan Deli
9 cks, Agent des Messageres Maritimes, Belawan Deli
18 cks, Belawan Deli

COCONUT—246 tons, Philippine Refining Corp, Cebu
500 tons, Philippine Refining Corp, Manila
10 cs, Eustace Smith, Kingston

CODLIVER—24 bbls, Ormont Drug Chemical Co, Bergen
975 bbls, W I Chudleigh, Bergen
45 bbls, American Express Co, Bergen
25 dms, Lanman & Kemp, Bergen
5 dms, 6 bbls, United Fruit Co, Bergen

ESSENTIAL—10 dms, H Sothern, Porto Barrios
2 dms, Van Ameringen-Harbler, Marseilles
8 cs, 8 dms, Lo Curto & Funk, Marseilles
2 cs, 2 tins, Fritzsche Bros, Marseilles
3 cs, Coty Product Corp, Marseilles
2 cs, American Express Co, Marseilles
5 cs, Lo Curto & Funk, Marseilles
92 pkgs, Europe
5 cs, Rotterdam
6 cs, Europe

EUCALYPTUS—27 dms, Commercial Banking Corp, Melbourne

FUEL—10,000 bbls, Asiatic Petroleum Corp, Curacao

GERANIUM—8 dms, J Manheimer, Inc, Belawan Deli
10 dms, Belawan Deli

LEMON—10 cs, Wells Fargo & Co, Vera Cruz

LEMONGRASS—3 dms, W J Bush & Co, Kingston

LIME, DIST—3 cs, Fritzsche Bros, Trinidad

LINALOE—10 dms, Vera Cruz

MOWRAH—6 dms, Mombasa

OLIVE—50 dms, J Bonacci & Co, Beyrouth
50 cs Beyrouth
200 dms, Schroeder Bros, Beyrouth
75 dms, C Pappas Co, Beyrouth
25 dms, John Nicolaon, Beyrouth
50 dms, Uddo Taormina Corp, Beyrouth
25 dms, Olive Oil Industries, Beyrouth
400 dms, Smith Weihman Co, Beyrouth
100 dms, Welch, Holme & Clark, Beyrouth
25 dms, E C Peta Co, Beyrouth

OIL, OLIVE—15 cs, Naples
50 dms, Tontana Hollywood Co, Leghorn
50 cs, Grace Line, Leghorn
140 cs, Uddo Taormina Corp, Genoa
50 cks, Uddo Taormina Corp, Genoa
30 dms, Bonoil Packing Corp, Genoa
425 cs, Genoa
10 dms, L Profuno & Co, Genoa
101 cks, Uddo Taormina Corp, Genoa
200 cs, Genoa
800 cs, Algiers

ORANGE—1 dm, United Fruit Co, Kingston

PALM—345 tons, N V Handelsvereening, Belawan Deli
823 tons, Balfour, Guthrie & Co, Africa

PETITGRAIN—11 dms, W R Grace & Co, Buenos Aires

YLANG YLANG—3 cks, 5 pkgs, Ungerer & Co, Belawan Deli

ORANGE PEEL—7 bbls, Max Fischerow, Tel Aviv
313 cs, T & N Winter, Leghorn
185 bgs, Transmarine Mercantile Corp, Curacao

OSSEIN—1,888 bgs, Kind & Knox Gelatine Co, Antwerp

PAPAIN—20 cs, S B Penick & Co, Colombo

PAPRIKA—150 bgs, Knickerbocker Mills Co, Trieste
50 bgs, Continental Spice Co, Trieste

PEATMOSS—600 bls, Ernst Bremermann & Co, Rotterdam
284 bls, Ernst Bremermann & Co, Rotterdam

PEPPER—200 bgs, Tampico

PERFUME EXTRACT—12 cs, Lo Curto & Funk, Marseilles
4 dms, Guaranty Trust Co, Marseilles
12 cs, Lo Curto & Funk, Marseilles

PHOSPHATE PRECIP—560 bgs, French Potash Co, Antwerp
325 bgs, Bradley & Baker, Antwerp

PIMENTO—40 bgs, Kingston
275 bgs, Barclay Bank, Kingston
95 bgs, Mincing Trading Co, Kingston
45 bgs, Royal Bank of Canada, Kingston
15 bgs, Kingston

PITCH, STEARIN—67 dms, Europe

POPPYSEED—100 bgs, Levy & Levis Co, Rotterdam
80 bgs, Becker Mayer Seed Co, Rotterdam
70 bgs, Levy & Levis Co, Rotterdam
650 bgs, C M Van Sillevoldt, Rotterdam
300 bgs, Levy & Levis Co, Rotterdam
100 bgs, A G Dunn, Rotterdam
350 bgs, Levy & Levis Co, Rotterdam
125 bgs, Catz American Co, Rotterdam
300 bgs, C M Van Sillevoldt, Rotterdam
150 bgs, Catz American Co, Rotterdam
100 bgs, Levy & Levis Co, Rotterdam
150 bgs, Levy & Levis Co, Rotterdam
50 bgs, Catz American Co, Rotterdam

POTASH CHLORATE — 1,200 dms, International Selling Corp, Europe
1,890 cyls, C Hardy, Europe

PERCHLORATE—380 bbls, 100 cyls, Charles Hardy, Europe

PRUSSIATE—30 cks, F H Taussig, Rotterdam

TITANIUM OXALATE—29 cks, Antwerp

PRECIPITATES—12 dms, Colombo

PUTTY—10 dms, George Held, Rotterdam

PYRETHRUM FLOWERS—40 bls, Greene Trading Co, Dar es Salaam
625 bls, John Powell & Co, Mombasa
125 bls, R J Prentiss & Co, Mombasa

QUASSIA CHIPS—224 bgs, Merck & Co, Kingston

QUEBRACHO EXTRACT—2,050 bgs, International Product Corp, Buenos Aires

QUICKSILVER—50 flasks, Irving Trust Co, Vera Cruz
30 flasks, Cred Muerro Marc, Vera Cruz
9 flasks, Tampico
20 flasks, C P Hull, Tampico

QUINCE SEED—44 bls, S B Penick & Co, Beyrouth
21 bls, E Meer & Co, Beyrouth
12 bls, Nawi Noonov & Co, Beyrouth

QUINIDINE SULPHATE—10 cs, New York Quinine & Chemical Works, Rotterdam

QUININE SULPHATE—11 cs, Rohner-Gehrig & Co, Rotterdam

RAPESEED—336 bgs, C Claussen & Co, Buenos Aires

RESIN, ARTIF—1 cs, Knickerbocker Carriers, Ltd, Rotterdam

SABADELLA SEED—50 bgs, American Express Co, La Guaira

SAFFRON FLOWERS—2 cs, L Causse, Europe

SARSAPARILLA ROOT—10 bls, Cunard White Star Line, Havana
23 bls, F W Pabst, Tampico

SAVORY LEAVES—8 bgs, Julian W Lyon, Marseilles

SCHEELITE ORE—392 bgs, Sydney

SENNA LEAVES—85 bls, Colombo

SHELLAC—200 bgs, E J Cornelius, Calcutta
200 bgs, E E Androvette, Calcutta
100 cs, Schwabe Bros Corp, Calcutta
200 bgs, Ralli Bros, Calcutta
75 bgs, Mac Lac Co, Calcutta
100 bgs, E J Cornelius, Calcutta
100 bgs, Schwabe Bros Corp, Calcutta
100 bgs, Mac Lac Co, Calcutta
100 bgs, Lind, Meyer & Co, Calcutta

GARNET—5 bgs, Schwabe Bros Corp, Calcutta

SEEDLAC—300 bgs, Mac Lac Co, Calcutta
200 bgs, E J Cornelius, Calcutta
100 bgs, Gillespie, Rogers, Pyatt Co, Calcutta
200 bgs, Mac Lac Co, Calcutta
200 bgs, M M Ispahani Ltd, Calcutta
200 bgs, Dings Schuster, Calcutta
100 bgs, Lind, Meyer & Co, Calcutta

SILICON CARBIDE—100 bbls, J Weiss, Europe

SODA, CYANIDE—1,560 dms, Charles Hardy, Europe

NITRATE—22,384 bgs, Chilean Nitrate Sales Corp, Tocopilla

SILICOFLUORIDE—200 bgs, W S Gray & Co, Rotterdam

URANATE AND URANIUM OXIDE—150 dms, Central Trading Corp, Antwerp

SPONGES—4 bls, Leonivas Papson, Beyrouth
111 bls, Johns Manville Corp, Havana
6 bls, Gulf West Indies Co, Nassau
7 bls, American Sponge & Chamois Co, Nassau
6 bls, Nassau

STARCH—2 bgs, 1 cs, Penson & Co, Rotterdam

POTATO—200 bgs, Jungmann & Co, Rotterdam

STEATITE—8 bbls, Caldwell & Co, Leghorn

STORAX—60 cs, Avraam Jaffe, Rotterdam

STRAMONIUM LEAVES—50 bls, R J Prentiss & Co, Trieste

TALC—1,000 bgs, Coty Product Corp, Europe
1,300 bgs, Whittaker, Clark & Daniels, Europe
500 bgs, Whittaker, Clark & Daniels, Europe
300 bgs, L A Salomon & Bros, Europe
250 bgs, C B Chrystal & Co, Europe
50 cs, Binney & Smith Co, Europe
700 bgs, Whittaker, Clark & Daniels, Europe
TALLOW—120 dms, English, Scottish & Australian Bank, Melbourne
55 dms, Sydney
TANKAGE—560 bgs, Tupman, Thurlow & Co, Auckland
TAPIOCA FLOUR—500 bgs, H P Winter & Co, Cheribon
498 bgs, Stein, Hall & Co, Semarang
30 bgs, W R Grace & Co, Singapore
TEAWASTE—1,500 bgs, Jas Finlay & Co, Calcutta
THYME LEAVES—29 bgs, Julian W Lyon, Marseilles
66 bls, Van Loan & Co, Marseilles
TIN BARILLA—303 bgs, W R Grace & Co, Mollendo
TUBA ROOT—1 bl, U S Dept Agriculture, Port Swettenham
VANADIUM—9,606 bgs, Vanadium Co of America, Callao
VANILLA BEAN—88 cs, J Manheimer, Inc, Belawan Deli
13 cs, New York & Cuba Mail S S Co, Vera Cruz
23 cs, Agent des Messageries Maritimes, Belawan Deli
26 cs, P H Petry & Co, Belawan Deli
27 cs, Philadelphia National Bank, Belawan Deli
311 cs, Agent des Messageries Maritimes, Belawan Deli
14 cs, Geo Lueders & Co, Belawan Deli
9 cs, P H Petry & Co, Belawan Deli
21 cs, F Huber & Co, Belawan Deli
38 cs, Thurston & Braidich, Marseilles
24 cs, Marseilles
16 cs, Richard L Oppenheim, Marseilles
25 cs, Thurston & Braidich, Marseilles
23 cs, Certified Extracts, Inc, Marseilles
43 cs, Dammann & Smeltzer, Marseilles
8 cs, Marseilles
22 cs, F Huber & Co, Vera Cruz
15 cs, Dodge & Olcott Co, Kingston
WATTLE BARK, CHOPPED—275 bls, Tannin Corp, Durban
EXTRACT—379 bgs, International Product Corp, Durban
WAX, BEES—9 pkgs, Pan American Export & Import Co, Barrios
18 bgs, W M Alliston & Co, Trieste
1 bg, Sayer & Co, Tangier
CANDELILLA—1,352 bgs, M Argueso & Co, Tampico
REFINED—3,388 bgs, Standard Oil Co of N J, Batavia
STAIN—19 cs, J W Warnecke Corp, Rotterdam
21 cs, J W Warnecke Corp, Rotterdam
WOLFRAM CONC—400 bgs, Union Bank of Australia, Melbourne
ORE—311 bgs, Sydney
ZIRCONIUM ORE—800 bgs, Sydney

New York Transit Imports

ACID, TARTARIC—250 cks, W J Chudleigh, Genoa, Canada
ANGELICA ROOT—24 pkgs, Eli Lilly & Co, Antwerp, Indianapolis
2 dms, Eli Lilly & Co, Antwerp, Indianapolis
BONE DUST—2,000 bgs, English, Scottish & Australian Bank, Melbourne, St Johns
BUCHU LEAVES—7 bls, Allaire, Woodward & Co, Capetown, Peoria
CASEIN—2,613 bgs, Weddel, Ltd, Wellington, St Johns
CHEMICALS—25 cs, Wedemann & Godknecht, Europe, Montreal
FILTER PAPER—7 cs, W J Chudleigh, Europe, Montreal
MEDICINAL PREPS—11 cans, Parke, Davis & Co, Montevideo, Detroit
MUSTARD SEED—19 bgs, American Shipping Co, Rotterdam, Chicago
OIL, TI TREE—44 gls, Colgate-Palmolive-Peet Co, Sydney, St Johns
PAPAIN—8 cs, American Ferment Co, Mombasa, Buffalo
SPONGES—11 bls, Nassau, Buenos Aires
28 bls, Nassau, Kobe
TALLOW—548 dms, Bank of Australia, Melbourne, Halifax
TANKAGE—1,120 bgs, Napier, St Johns
163 dms, Procter & Gamble, Napier, San Francisco
TIN OXIDE—120 cks, Sydney, St Johns
VANILLA BEANS—34 cs, M Cortizas & Co, Marseilles, Philadelphia
13 cs, W J Chudleigh, Europe, Montreal
WAX, BEES—15 cs, H S Head, Europe, Toronto

Baltimore Imports

BONEMEAL—500 bgs, Buenos Aires
CALCIUM SILICIDE—1,281 bbls, Sauda
CODLIVER MEAL—500 bgs, Bergen
FERROMANGANESE—1,307 bbls, Sauda
FERTILIZER—1,820 bgs, Buenos Aires
ILMENITE SAND—8,221 tons, Koilthottam
IRON ORE—21,500 tons, Bethlehem Steel Co, Cruz Grande
5,672 tons, Leo J Buck, Inc, Narvik
6,256 tons, Leo J Buck, Inc., Narvik
6,499 tons, Leo J Buck, Inc, Narvik
LOGWOOD—984 tons, J S Young Co, Haiti
MAGNESITE ORE—19,000 bgs, Dairen
MANGANESE ORE—2,900 tons, Santiago
6,400 tons, Bethlehem Steel Co, Poti
3,000 tons, Calcutta
MOLASSES—891,500 gls, Cuba Distilling Co, Barahona
201,071 gls, Cuba Distilling Co, Macoris
MONAZITE SAND—179 tons, Koilthottan

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OIL, FUEL—96,752 bbls, Standard Oil Co, N J, Kollskegg, Aruba
PAINT—18 cs, Bergen
PETROLEUM, CRUDE—56,466 bbls, Standard Oil Co N J, Las Piedras
PYRITES—4,933 tons, Huelva
QUEBRACHO EXTRACT—3,747 bgs, Buenos Aires
5,000 bgs, Buenos Aires
SESAME SEED—1,238 bgs, Bombay
SHELLAC—70 bgs, Calcutta

Boston Imports

ACID, CRESYLIC—20 dms, Monsanto Chem Co, Europe
BARIUM CHLORIDE—500 bgs, Europe
CARAWAY SEED—50 bgs, American Express Co, Rotterdam
COLORS, DRY—1 cs, American Express Co, Europe
COD MEAL—4,000 bgs, Japan
GLASS MARMORITE—9 cs, H W Hobbs, Antwerp
PLATE—1 cs, H W Hobbs, Antwerp
WINDOW—252 cs, Brown Bros-Harrimann Co, Antwerp
276 cs, W A Kember, Antwerp
GLUESTOCK—282 bls, E Butterworth Co, Rotterdam
GREASE WOOL—12 dms, English, Scottish & Australian Bank, Melbourne
OIL, COCONUT—1,389 tons, Philippine Refining Corp, Cebu
CODLIVER—200 bbls, Carleton & Hovey Co, Bergen
ESSENTIAL—5 cs, American Express Co, Rotterdam
SOD—80 bbls, Littlejohn Oil Co, Europe
OSSEIN—2,000 bgs, J O Whitten, Rotterdam
POPPYSEED—100 bgs, National Shawmut Bank, Rotterdam
SILICON CARBIDE — 200 cks, American Abrasive Co, Bergen
STARCH, POTATO—2,500 bgs, Stein, Hall & Co, Rotterdam
200 bgs, H S Cramer & Co, Rotterdam
VANILLA BEANS—9 cs, Brown Bros-Harrimann Co, Europe
WAX, BEES—16 bgs, Whittemore, Wright Co, Havana

Los Angeles Imports

ANTIMONY ORE—85,000 lbs, Iguala
APRICOT KERNELS—400 lbs, Hongkong
BABASSU KERNELS—924,000 lbs, Brazil
CALCIUM ARSENATE—100 lbs, Osaka
CANARY SEED—21,640 lbs, Buenos Aires
CELERY SEED—30 lbs, Paris
CHROME ORE—181,080 lbs, Cebu
CLOVES—4,430 lbs, Dutch East Indies
COCONUTS—14,000 lbs, Colon
COPRA—672,000 lbs, Philippine Islands
1,243,200 lbs, Philippine Islands
2,352,000 lbs, Manila
MEAL—4,480 bgs, Manila
FISH LIVERS—2,080 lbs, Japan
FLEASEED—6,610 lbs, Carpentras, France
GLASS, ROLLED—29 cs, 22,250 lbs, Brussels
19 cs, 10,940 lbs, Brussels
GUM, COPAL—1,410 lbs, Manila
ELEMI—3,370 lbs, Manila
HERBS, CRUDE—1,250 lbs, La Paz, Mexico
MATCHES, SAFETY—50 lbs, London
MUSTARD, PREP—8,920 lbs, London
NUTMEGS—4,000 lbs, Port Spain
OIL, OLIVE—12,280 lbs, Genoa
10,140 lbs, Athens
10,710 lbs, Genoa
48 dms, 20,540 lbs, Athens
PEANUT—4,680 lbs, Hongkong
SESAME—360 lbs, Hongkong
PEPPER—570 lbs, Puntarenas
BLACK—11,260 lbs, Madras
WHITE—130 lbs, Batavia
PERFUME—1 lb, Adelaide
QUEBRACHO EXTRACT—108,060 lbs, Asuncion
QUININE SULPHATE—300 cs, 18,750 lbs, Batavia
RICE FLOUR—320 lbs, Hongkong
SHELLAC—280 lbs, Calcutta
SOYBEANS—100 lbs, Hongkong
TAPIOCA FLOUR—44,800 lbs, Java
54,080 lbs, Batavia
3,750 lbs, Hongkong
TOILET PREPS—800 lbs, Adelaide
WHITING—651,240 lbs, Brussels

Norfolk Imports

AMMONIATED PHOSPHATE—272 bgs, Ashcraft, Wilkinson & Co, Europe
BLOOD, DRIED—420 bgs, Sydney
280 bgs, Sydney
BONE—500 bgs, Southern Fertilizer Corp, Europe
COCOA BEAN RESIDUE—25,000 bgs, Guaranty Trust Co, Rotterdam
6,250 bgs, Guaranty Trust Co, Rotterdam
STARCH, POTATO—300 bgs, H S Cramer & Co, Rotterdam
TALC—375 bgs, L A Salomon & Bros, Europe
300 bgs, C B Chrystal & Co, Europe

Newport News Imports

CHROME ORE—3,000 tons, E J Lavino & Co, Beira

Philadelphia Imports

BARYTES—1 bg, C K Willian
BAUXITE—3,000 tons, Paramaribo
CHROME ORE—1,500 tons, Bank of Athens, Aghia Marina
COCOA BEANS—2,800 bgs, Balfour, Guthrie & Co, Addah
6,400 bgs, Balfour, Guthrie & Co, Accra
3,200 bgs, Balfour, Guthrie & Co, Winneba
4,000 bgs, Balfour, Guthrie & Co, Saltpond
3,200 bgs, Balfour, Guthrie & Co, Capecoast
4,800 bgs, Balfour, Guthrie & Co, Takoradi
CORIANDER SEED—200 bgs, Casablanca
CORK—800,000 kilos, Armstrong Cork Co, Bona
33,977 bls, Armstrong Cork Co, Lisbon
VIRGIN—2,592 bls, Armstrong Cork Co, Faro
1,664 bls, Armstrong Cork Co, Sines
WASTE—11,665 bls, Armstrong Cork Co, Faro
300 bls, Armstrong Cork Co, Sines
1,663 bls, Armstrong Cork Co, Faro
2,864 bls, Armstrong Cork Co, Sines
WOOD—480 bls, Armstrong Cork Co, Faro
MAGNESITE—884 bgs, General Magnesite & Magnesia Co, Thessaloniki
MOLASSES—1,211,843 gals, North America Trading & Import Co, Cienfuegos
494,995 gals, E I du Pont de Nemours & Co, Inc., Guanica
412,194 gals, E I du Pont de Nemours & Co, Inc, La Romana
341,537 gals, E I du Pont de Nemours & Co, Inc, San Pedro de Macoris
1,020,170 gals, Publicker Alcohol Co, Antilla
OIL, OLIVE—50 dms, British-French Discount Bank, Ltd, Mitylene
20 dms, 25 cs, Ionian Bank, Ltd, Mitylene
PAPRICA ,GRD—100 bgs, J K Laudenslager, Trieste
PETROLEUM, CRUDE—104,702 bbls, Gulf Oil Corp, Las Piedras
30,623 bbls, Gulf Oil Corp, Puerto la Cruz
105,749 bbls, Gulf Oil Corp, Las Piedras
RED OXIDE—1,038 bbls, F B Vandegrift & Co, Malaga
WAX, CARNAUBA—22 bgs, Ceara

Seattle Imports

PUTTY—1 dm, 1 crt, V G Ellis, Rotterdam
VARNISH—10 dms, 6 cs, V G Ellis, Rotterdam

Wilmington Imports

IRON OXIDE—3 cs, Hercules Powder Co, Europe
LICORICE ROOT—2,094 bls, Tannin Corp, Alexandria
WASTE—2,165 kilos, Tannin Corp, Alexandria

Exports from U.S. Ports

Baltimore Exports

ENAMEL FRIT—100 lbs, Buenos Aires
LEAD ARSENATE—22,046 lbs, Santos
MOLASSES—2 bbls, Italy
OIL, LUBRIC—26 bbls, Italy, Greece or Turkey
SOYBEAN MEAL—100 tons, Italy

Los Angeles Exports

ACETONE—56 dms, 20,050 lbs, Buenos Aires
ACID, BORIC—300 bgs, 33,080 lbs, Shanghai; 105 pkgs, 11,760 lbs, Hongkong; 2,000 bgs, 224,000 lbs, Liverpool; 120 bgs, 13,440 lbs, Sydney
CITRIC—19,800 lbs, Shanghai
ALCOHOL, BUTYL—23 dms, 8,490 lbs, Piraeus
ISOPROPYL—830 lbs, Vancouver
ALUMINUM POWDER—200 lbs, Hongkong
ARSENIC, METAL—18,000 lbs, Tocopilla
ASPHALT—515 dms, 260,560 lbs, St Thomas; 25 bbls, 10,980 lbs, Panama
EMULSIFIED—20 dms, 9,040 lbs, Balboa
LIQUID—19 dms, 8,590 lbs, Balboa
BORATE—6,610 bgs, 779,270 lbs, Barcelona
BORAX—1,200 bgs, 132,300 lbs, Shanghai; 250 bgs, 28,000 lbs, Hongkong; 4,000 bgs, 448,000 lbs, Liverpool; 2,000 bgs, 220,460 lbs, Shanghai; 520 bgs, 58,240 lbs, Sydney; 300 bgs, 33,600 lbs, Melbourne; 1,000 bgs, 112,000 lbs, Hongkong; 1,968 bgs, 220,420 lbs, Mels, Switzerland; 200 bgs, 22,000 lbs, Tientsin; 1,400 bgs, 156,800 lbs, Hongkong; 50 kgs, 5,600 lbs, Bombay
CEMENT, PLASTIC—60,160 lbs, Vancouver
CLAY—448 sks, 25,090 lbs, Rosario; 4,400 sks, 224,000 lbs, Buenos Aires
CLEANER—400 lbs, Melbourne; 370 lbs, Panama
COLOR, DRY—300 lbs, Hongkong; 1,080 lbs, Buenos Aires
COTTON LINTERS—60 bls, 30,000 lbs, Vancouver
CYANIDE, FLOTAT—1,000 lbs, Manila
DIATOMACEOUS EARTH—175 bgs, 17,500 lbs, Dublin; 10,919 bbls, Liverpool; 145 bgs, 14,500 lbs, Melbourne; 800 bgs, 80,000 lbs, San Juan; 20 bgs, 2,000 lbs, Manila; 109 bgs, 10,900 lbs, Tarragona; 33 bgs, 3,300 lbs, Marseilles; 2,234 bgs, 219,430 lbs, Winterthur; 120 bgs, 12,000 lbs, Buenos Aires
DISTILLATE—200 dms, 71,060 lbs, Hongkong
FILM SCRAP—28,000 lbs, London
GAS—5 tanks, 450 lbs, Balboa
GASOLINE — 15,000 bbls, Shanghai; 38,155 bbls, Dairen; 12,993 bbls, Gensan; 8,407 bbls, Shanghai; 8,300 bbls, Balboa; 8,300 bbls, Cristobal; 24,000 bbls, Balboa/Cristobal; 30 dms, Santa Rosalia
GREASE, LUBRIC—87 pkgs, 8,760 lbs, Panama; 12 bkts, 300 lbs, Balboa
GUM—450 lbs, Buenos Aires
GYPSUM—590 lbs, Coco Solo
IODINE, RESUB—950 lbs, Shanghai
KELP MEAL—30,000 lbs, Vancouver
KEROSENE—82,227 bbls, Shanghai; 3,000 cs, Manila; 3,000 cs, Tsingtao; 5,547 bbls, Balboa/Cristobal; 1,000 bbls, Cristobal; 1,000 cs, Panama
LACQUER—610 lbs, Manila; 1,590 lbs, San Juan; 1,350 lbs, Hongkong
THINNER—3,180 lbs, Hongkong
LEAK PREVENTIVE—220 lbs, Panama
LIME—80 bgs, 4,480 lbs, Buenos Aires
LITHOPONE—40,000 lbs, Hongkong
MINERAL SPTS—20 cs, 1,700 lbs, Panama
OIL, COTTONSEED, FLAKE — 1,125 bgs, 180,000 lbs, Manila
DIESEL—53,658 bbls, Osaka/Moji; 52,467 bbls, Osaka; 18,022 bbls, Bolivia; 9,334 bbls, Valparaiso; 4,002 bbls, Cruz Grande; 7,451 bbls, Taltal; 5,800 bbls, Cristobal; 3,515 bbls, Coquimbo; 7,594 bbls, Sydney
FLOOR—10 ctns, 600 lbs, Panama
FUEL—19,882 bbls, Osaka; 32,592 bbls, Antofagasta; 97,957 bbls, Tocopilla; 23,720 bbls, Santa Rosalia
GRAPEFRUIT—2,320 lbs, London
LINSEED—1,280 lbs, Arroyo
LUBRICATING—1,600 dms, Shanghai; 52 dms, 10 ctns, 15 pls, Panama; 60 ctns, Balboa; 10 dms, Manila; 60 ctns, Balboa; 238 dms, Bombay
THINNER—3 cs, 360 lbs, Panama
TRANSFORMER—6 ctns, 600 lbs, Panama
PAINT—330 lbs, Manila; 510 lbs, Hongkong
PASTE—1,990 lbs, Buenos Aires
SOLUTION—50 lbs, Buenos Aires
PECTIN, CITROUS—8,000 lbs, London
PETROLEUM, CRUDE—2,969 bbls, Valparaiso; 68,242 bbls, Gensan
GAS, LIQ—61 cyls, 5,780 lbs, Vancouver
POTASH, MURIATE—999,040 lbs, San Juan
SOAP, COMP—830 lbs, Vancouver
LAUNDRY—67,500 lbs, San Juan; 12,500 lbs, Mayaguez
POWDER—270 lbs, Vancouver
SODA, ASH—112,200 lbs, Manila; 112,200 lbs, Manila; 200,030 lbs, Vancouver
SOLVENT—400 lbs, Panama
TALC—220 bgs, 22,000 lbs, Manila
TOILET PREPS—670 lbs, Manila; 220 lbs, Manila; 90 lbs, Manila; 400 lbs, Tel Aviv; 220 lbs, Karachi; 660 lbs, Cairo

New Orleans Exports

BARYTES—19 tons, Cristobal
CALCIUM CARBIDE—24 tons, Cristobal
FIRECLAY—10 tons, Barranquilla
GASOLINE—81 tons, Belize; 16 tons, Livingston; 114 tons, Puerto Barrios
KEROSENE—27 tons, Kingston; 31 tons, Belize; 77 tons, Puerto Barrios
LARD—4 tons, Havana; 44 tons, Cristobal; 56 tons, Santiago; 10 tons, West Coast, South America
OIL, DIESEL—19 tons, Puerto Barrios; 31 tons, Belize
FUEL—2,000 bbls, Ceiba
LUBRICATING—36 tons, Barranquilla
PINE—89 tons, West Coast, South America
PARAFFIN—31 tons, West Coast, South America; 14 tons, Puerto Barrios; 14 tons, Cristobal; 56 tons, Vera Cruz
PETROLEUM TREATING COMP—18 tons, Cartagena
ROSIN—114 tons, Cristobal; 12 tons, Barranquilla; 199 tons, West Coast, South America
SALT—27 tons, Havana; 22 tons, Santiago

Coastwise Shipments

Los Angeles Coast Trade

GASOLINE — 2,743 bbls, San Diego; 2,091 bbls, San Diego; 61,749 bbls, Portland; 9,413 bbls, San Diego; 1,873 bbls, San Diego; 3,652 bbls, San Diego; 148,025 bbls, Philadelphia
OIL, DIESEL—1,440 bbls, San Diego; 16,567 bbls, Seattle; 13,490 bbls, Portland
FUEL — 67,489 bbls, Avon; 102,202 bbls, Richmond; 2,313 bbls, Portland; 2,293 bbls, Seattle; 47,531 bbls, St Johns; 88,700 bbls, San Diego; 49,110 bbls, San Diego; 64,732 bbls, Portland
FURNACE—4,814 bbls, Portland
PETROLEUM, CRUDE—68,937 bbls, Avon
SOLVENT—25,272 bbls, Paulsboro

Imports Detained

Detentions recently effected at various ports by United States authorities on determination by the Food and Drug Administration that products offered for import were adulterated or misbranded under the Federal food and drug and cosmetics act, or did not comply with other customs regulations, included the following articles for the reason stated:—

New York

Week Ended March 27

Belladonna, 11 bales; not U.S.P.
Cassia oil, 45 drums; not U.S.P.
Cocoa beans, 250 bags; moldy.
Cumin seed, 200 bags; filthy.
Ergot, 1 bale; not U.S.P.
Flavoring powder, 6 cases; false and misleading statements.
Medicinal preparations, 2 parcels; new drug; false therapeutic claims.
Medicinal preparations, 1 parcel; false therapeutic claims.
Nutmegs, 150 bags; moldy.
Strophanthus seed, 2 cases; not N.F.

Boston

Week Ended March 27

Medicinal preparations, 5 parcels; false therapeutic claims.

Philadelphia

Week Ended March 27

Medicinal preparations, 1 parcel; false therapeutic claims; no quantity of contents statement.

Foreign Trade Openings

Correspondence in regard to any of the following trade openings should be addressed to the Bureau of Foreign and Domestic Commerce, Washington, D. C., or to any district office or cooperative office of the bureau, and not to this publication. When writing give the number of the item:—

Ascorbic acid:—Amsterdam, Netherlands, agency (6676).
Bichromates:—Cairo, Egypt; agency (6677).
Bleaching powder:—Alexandria, Egypt; agency (6680).
Butyl alcohol:—Baden, Switzerland; purchase (6757).
Chemicals:—Alexandria, Egypt; agency (6680).
Chemicals, industrial:—Lisbon, Portugal; agency (6760).
Chemicals, industrial:—Cairo, Egypt; agency (6679).
Calcium nitrate:—Cairo, Egypt; agency (6677).
Chemicals, laboratory:—Cairo, Egypt; agency (6682).
Fertilizers:—Alexandria, Egypt; agency (6680).
Linseed oil:—Panama City, Panama; agency (6739).
Linseed oil:—Baden, Switzerland; purchase (6757).
Pharmaceuticals:—Cairo, Egypt; agency (6678).
Pharmaceuticals:—Cairo, Egypt; agency (6679).
Pharmaceuticals:—Buenos Aires, Argentina; agency (6681).
Sulphur:—Cairo, Egypt; agency (6677).
Tung oil:—Baden, Switzerland; purchase (6757).

Current Market Quotations

—Continued from page 23

Yellow, Ocher—Zirconium

Yellow, ocher, French, ex whse., Indianapolis, Kan. City, Milwaukee, St. Louis	lb.	.03¾ Nom.
New York	lb.	.03 Nom.
Pittsburgh	lb.	.03¾ Nom.
Portland, Seattle	lb.	.03¾ Nom.
San Pedro, S. Francisco	lb.	.03¼ Nom.
f.o.b. N. Y., from dock,	lb.	.02¾ Nom.
from whse	lb.	.03½ Nom.
Oxide, nat., bbls., c.l., f.o.b. Bethlehem, Easton, N.Y.,	lb.	.04½- —
l.c.l., same basis	lb.	.04¾- —
synth., bbls., c.l., works	lb.	.06½- —
l.c.l., same basis	lb.	.06¾- —
Persian orange (See O).		
Zinc, bbls., same basis, chrome CP, contracts	lb.	.18 - —
open order	lb.	.19 - —
Yellow dock root, dom., bls	lb.	.17 - .18
Yellow root (xanthoriza), bls	lb.	.11 - .12
Yerba santa leaves, bls	lb.	.09 - .10
Yohimbine hydrochloride, vials	oz.	2.85 - 4.00

Z

Zein, bgs., 1,000 lbs. or more, works	lb.	.20 - —
less than 1,000 lbs., works	lb.	.25 - —
Zinc acetate, tech., bbls., works,	lb.	.15 - .16
USP, bbls., 250 lbs	lb.	.27 - —
kgs., 100 lbs	lb.	.29 - —
Arsenite, bgs., c.l., dealers, E. of Rockies	lb.	.12 - —
l.c.l., bags	lb.	.12½- —
Zinc arsenite prices are on a frt. alld. basis to dest, in lots of 96 lbs. or over.		
Carbonate, tech., bbls	lb.	.14 - .16
USP, precip., powd., bbls	lb.	.31 - —
dms.	lb.	.36 - —
kgs.	lb.	.33 - —
Chloride, tech., fused, dms., c.l., works	100 lbs.	4.25 - —
l.c.l., works	100 lbs.	4.60 - —
gran., dms., c.l., works, 100 lbs.		5.00 - —
USP, 200-lb. dms	lb.	.25 - —
25-lb. jars	lb.	.31 - —
solution, 50%, dms., c.l., works	lb.	.0290- —
l.c.l., works	lb.	.04 - .04½
tanks, works	lb.	.0225- —
Cyanide, kgs., works	lb.	.33 - —
Dust, bbls., c.l., dlvd	lb.	.07¾- —
l.c.l., bbls., dlvd	lb.	.08¼- —
Iodide, N.F., bots	lb.	4.35 - —
jars		4.20 - —
Fluoride, bbls	lb.	.20 - .25
Metal (see daily quotations in Market report).		
Oxide, pigment, dom., Amer., process, coml., lead free, bgs., c.l., dlvd	lb.	.06¼- .07¼
l.c.l., dlvd., except Pac. cst	lb.	.06½- .07¾
bgs., l.c.l., ex whse., Pac. cst	lb.	.06½- .07¾
bbls., c.l., dlvd	lb.	.06½- .07¾
l.c.l., dlvd., except Pac. cts	lb.	.06¾- .08
ex whse., Pac. cst	lb.	.06¾- .08
Leaded, 5%, bgs., c.l., dlvd.	lb.	.06½- —
l.c.l., dlvd., except Pac. cst	lb.	.06¾- —
ex whse., Pac. cst	lb.	.06¾- —
bbls., c.l., dlvd	lb.	.06¾- —
l.c.l., dlvd., except Pac. cst	lb.	.06¾- —
ex whse., Pac. cst	lb.	.06¾- —
35%, c.l., dlvd	lb.	.06 - —
l.c.l., dlvd., except Pac. cst	lb.	.06¼- —
ex whse., Pac. cst.	lb.	.06¼- —
38%, bbls., c.l., dlvd	lb.	.06¼- —
l.c.l., dlvd., except Pac. cst	lb.	.06½- —
bgs., l.c.l., ex whse., Pac. cst	lb.	.06½- —
50%, bgs., c.l., dlvd., except Pac. cst	lb.	.0606- —
dlvd., Pac. cst	lb.	.0612- —
l.c.l., dlvd., except Pac. cst	lb.	.0631- —
bgs., ex whse., Pac. cst	lb.	.0637- —
bbls., c.l., dlvd	lb.	.0637- —
l.c.l., ex whse., Pac. Cst.	lb.	.0662- —
French process, com'l, lead free, bgs., c.l., dlvd.,	lb.	.06¼- .07¼
l.c.l., dlvd., except Pac. cst	lb.	.06½- .07¾
ex whse., Pac. cst	lb.	.06½- .07¾
bbls., c.l., dlvd	lb.	.06½- .07¾
l.c.l., dlvd., except Pac. cst	lb.	.06¾- .08
ex whse, Pac. cst.,	lb.	.06¾- .08
green seal, bgs., c.l., dlvd.	lb.	.08 - —
l.c.l., dlvd., except Pac. cst	lb.	.08¼- —
ex whse., Pac. cst	lb.	.08¼- —
bbls., c.l., dlvd	lb.	.08¼- —
l.c.l., dlvd., except Pac. cst	lb.	.08½- —
ex whse., Pac. cst	lb.	.08½- —
red seal, bgs., c.l., dlvd	lb.	.07½- —
l.c.l., dlvd., except Pac. cst	lb.	.07¾- —
ex whse., Pac. cst	lb.	.07¾- —
bbls., c.l., dlvd	lb.	.07¾- —
l.c.l., dlvd., except Pac. cst	lb.	.08 - —
ex whse., Pac. cst	lb.	.08 - —
white seal, bgs., c.l., dlvd.	lb.	.08½- —
l.c.l., dlvd., except Pac. cst	lb.	.08¾- —
ex whse., Pac. cst	lb.	.08¾- —
bbls., c.l., dlvd	lb.	.08¾- —
l.c.l., dlvd., except Pac. cst	lb.	.09 - —
ex whse., Pac. cst	lb.	.09 - —
imported, gold seal, cks., ex whse.	lb.	.13 - .14
green seal, bbls., ex whse.,	lb.	.10 - —
white seal, cks., ex whse.,	lb.	.11 - .12½
USP, bbls., c.l.	lb.	.09½- —
Palmitate, bbls	lb.	.24½- .27½
Resinate, fused, pale, bbls.	lb.	.10 - —
precip., dms., dlvd	lb.	.15 - —
Stearate, tech., precip., bbls., ctns., c.l.	lb.	.22 - —
l.c.l., 1 ton	lb.	.24 - —
1,000-2,000 lbs	lb.	.25 - —
less than 1,000 lbs	lb.	.26 - —
USP, bbls	lb.	.24 - .26
Sulphate, cryst., bgs., c.l.	100 lbs.	2.75 - —
l.c.l.	100 lbs.	3.50 - —
bbls., c.l.	100 lbs.	2.90 - —
l.c.l.	100 lbs.	3.65 - —
flake, bgs., c.l.	100 lbs.	3.10 - —
l.c.l.	100 lbs.	3.85 - —
bbls., c.l.	100 lbs.	3.25 - —
l.c.l.	100 lbs.	4.00 - —
powd., bgs., c.l.	100 lbs.	4.35 - —
l.c.l.	100 lbs.	5.10 - —
bbls., c.l.	100 lbs.	4.50 - —
l.c.l.	100 lbs.	5.25 - —
Sulphide, bgs., c.l., (20 tons), dlvd.	lb.	.07½- —
l.c.l., dlvd. E. or ex whse., Pac. cst.	lb.	.07¾- —
bbls., c.l., 20 bbls., c.l., (20 tons), dlvd.	lb.	.07¾- —
l.c.l., dlvd. E. or ex whse., Pac. cst.	lb.	.08 - —
barium, pigment, bgs., c.l., dlvd.	lb.	.05 - —
l.c.l., dlvd. E. or ex whse. Pac. Cst.	lb.	.05¼- —
calcium pigment, bgs., c.l., dlvd.	lb.	.05 - —
l.c.l., dlvd. E. or ex whse. Pac. Cst.	lb.	.05¼- —
magnesium, pigment, bgs., c.l., dlvd.	lb.	.05¼- —
l.c.l., dlvd. E. or ex whse. Pac. Cst.	lb.	.05½- —
Sulphocarbolate, NF, bbls.	lb.	.24 - .26
Zinc-ammonia chloride, dms., c.l., works	100 lbs.	5.15 - —
l.c.l., works	100 lbs.	5.50 - —
Zinc-iron oxide, pigment, bgs., c.l., dlvd.	lb.	.05 - —
l.c.l., dlvd., except Pac. cst.	lb.	.05¼- —
ex whse., Pac. cst.	lb.	.05½- —
Zirconium nitrate, kgs., works	lb.	3.00 - 4.00
Oxide, crude, 70-75%, grd., bbls., works	ton.	75.00 -100.00
white, 98%, grd., kgs., works,	lb.	1.80 - 2.00

Paint, Varnish, Lacquer Sales Up

The value of paint, varnish, lacquer and fillers sold in February, as reported by 680 establishments to the Bureau of Census, was $26,537,573. Details of sales reported by these establishments and comparative data for 1939 follow:—

	Total sales reported by 680 establishments.	Classified sales reported by 580 establishments—Trade sales of paint, varnish, and lacquer.	Industrial sales—Total.	Industrial sales—Paint and varnish.	Industrial sales—Lacquer.	Unclassified sales reported by 100 establishments.
1940.						
January	$28,666,635	$13,549,867	$12,317,340	$8,369,445	$3,947,895	$2,799,428
February	26,537,573	13,042,764	11,146,277	7,584,649	3,561,628	2,348,532
Totals (2 mos.)	$55,204,208	$26,592,631	$23,463,617	$15,954,094	$7,509,523	$5,147,960
1939.						
January	25,166,042	12,496,706	10,269,334	6,942,879	3,326,455	2,400,002
February	25,399,464	13,145,314	10,019,901	6,777,622	3,242,279	2,234,249
Totals (2 mos.)	$50,565,506	$25,642,020	$20,289,235	$13,720,501	$6,568,734	$4,634,251
March	32,888,337	17,656,995	12,112,220	8,278,015	3,834,205	3,119,142
April	33,999,205	18,862,040	11,843,829	8,581,577	3,262,252	3,293,336
May	41,853,977	23,436,932	12,578,360	9,259,538	3,318,822	3,838,685
June	38,504,857	22,341,180	12,585,957	9,328,873	3,257,084	3,577,720
July	30,758,617	17,215,946	10,713,443	7,982,902	2,730,541	2,829,228
August	34,448,530	19,046,555	12,153,308	8,842,098	3,311,210	3,248,667
September	38,379,427	21,413,297	13,381,467	9,539,705	3,841,762	3,584,663
October	35,827,911	18,466,640	14,007,459	9,718,466	4,288,993	3,353,812
November	30,472,039	14,980,510	12,842,962	9,063,230	3,779,702	2,648,597
December	26,810,005	12,687,134	11,589,021	8,090,262	3,498,759	2,533,850
Totals (year)	$394,508,431	$213,749,249	$144,097,231	$102,405,167	$41,692,064	$36,661,951

Plastic, Coldwater Paint Calcimine Sales Mixed

Sales of plastic and cold-water paints and calcimines reported by sixty manufacturers to the Bureau of Census for February, 1940, were as follows:—

Plastic Paints

	Pounds.	Value.
Paste, casein bound	39,815	$2,839
All other	52,123	6,442
Dry, casein bound	381,170	23,262
glue bound	192,346	9,481
Totals	665,454	$42,024

Cold Water Paints

	Pounds.	Value.
Exterior, line or cement-bound	456,737	$33,809
casein-bound	252,513	13,698
Interior, casein - bound, or semi-paste form.	244,853*	263,776
dry-powder form	1,062,234	77,731
glue-bound	291,279	7,724
Totals	.....	$396,738

* Gallons.

Calcimines

	Pounds.	Value.
Hot water	1,839,862	$73,940
Cold water	2,586,867	112,414
Totals	4,426,729	$186,354

Sales of these products for February compared with the corresponding period of 1939 were as follows:—

		1940.	1939.
Plastic paints	lbs.	665,454	468,087
	value.	$42,024	$32,643
Cold water paints	value.	$396,738	$362,390
Calcimines	lbs.	4,426,729	5,881,309
	value.	$186,354	$250,626

Acetone industry has been placed under government supervision by the Netherlands, as a war emergency.

Proper use of paint as a means of increasing lighting efficiency is discussed in the latest issue of "Profit Building the Electric Way," a publication syndicated to utility companies for distribution to dealers. The article was sponsored by the National Better Light Better Sight Bureau.

Paint Materials

Shellac

—Continued from page 43

but that deliveries against existing contracts were very satisfactory. Shellac varnish was easier in the Metropolitan area.

Bronze Powders

Aluminum Paste.—All prices were reduced 1c. per pound. Following the reduction, extra fine lining material was quoted at 62c. per pound; ink paste at 72c., and standard at 39c. Quotations are for 1,500 pounds or more in drums.

Aluminum Powder.—Extra fine and standard lining materials were reduced 1c. per pound to 91c. and 56c. per pound, respectively. The extra brilliant litho powder was down 1c. per pound to 42c.; the extra fine was lowered 3c. per pound to 44c. and the lining and standard lithos were dropped 1c. per pound to 56c. and 41c., respectively. Extra brilliant varnish material was reduced 1c. per pound to 42c.; standard varnish grade was off a similar amount to 39c., while the extra fine varnish was lowered 3c. per pound to 44c. Rubber compound powder was reduced 1c. per pound to 39c. and unpolished material was dropped 1c. per pound to 36c. Quotations are for 1,500 pounds or more in drums.

Glues and Binders

Casein. — Prices firmed due to slightly more interest in offerings. New production underway. No prices changed.

Glues.—Very firm and in routine demand.

Trade Briefs

Clean up-paint up annual campaign will be held in Kansas City, April 6 to 15.

Johns - Manville Corporation, this city, stockholders have approved a resolution permitting the corporation to give remuneration to its directorate. No set scale was fixed, other than a top figure of $5,000 in any calendar year.

Natural iron oxides statistics recently released by the Dominion Bureau of Statistics indicate that production of crude and refined iron oxides and ochres during 1938 amounted to 5,821 short tons valued at $71,769. This output compares with 6,197 short tons valued at $83,640 in 1937.

C. R. Nelson, assistant technical director of the Watson-Standard Company, paint and varnish manufacturer, Pittsburgh, Pa., has been presented with a wrist watch by his associates as a remembrance of the many years spent in close association with the organization. Mr. Nelson has resigned from the company as of April 1.

Atlantic Research Associates, Inc., Newtonville, has been upheld by Federal Judge Barnes in northern Illinois district, in its desire to serve a summons on W. E. Harrison, sales manager in Chicago for the National Gypsum Company, in the former company's suit against the latter alleging infringement of a patent on casein paint.

Flaxseed Prospects Considered Excellent

Minneapolis, March 26, 1940

It is estimated that a flaxseed crop of 25,000,000 bushels will be produced by growers in the United States in 1940. This statement is based upon the "Intention-to-Plant" report issued by the Department of Agriculture, upon the crops already making progress in sections of the country where flaxseed is growing, and upon the probabilities of a good growing season in the Northwestern States—Minnesota, Iowa, the Dakotas, Montana, and Wisconsin. Minnesota has come to the fore in flax production in the past year or two, many enthusiastic growers planting flaxseed because of the excellent cash return and because of the excellent chance their seed has of reaching maturity.

Flaxseed had a "bad name" in the Northwest as a soil-destroyer and a virgin-acre crop. Thousands of fertile acres in southern Minnesota were devoted to any other crop but flaxseed because of the insecure financial return it promised. Farmers are just as hard-headed about their profit column as are businessmen, and many of them would not plant flax because of the things they had heard about it—practically all detrimental. The Flax Institute, aware that such was the picture in many parts of the Northwest, set about righting the wrong that was being done. In the AAA program flaxseed was set down as a "soil-depleting" crop, and it was partly through the efforts of the institute that the onus was removed in 1939.

Politically protected and financially sound, the flaxseed program lacked the personnel of a well-informed producer group. The Flax Institute immediately set about correcting this lack and the success of its flax meetings is reflected in the 20,000,000 bushels of flaxseed produced in 1939. Growing enthusiasm for flaxseed throughout the Northwest brought an even greater demand for the flax meetings in 1940, many new growers lining up for flax, seeking information as to proper culture, planting time, most successful technique, and the proper preparation of seed and seedbed. The institute says that, through its far-flung educational program, it has been able to answer all these questions, also to build up a strong feeling for flaxseed as a normal, rotative crop, insuring a steady and profitable production of a base supply of linseed oil for the United States.

The future of flax production is dependent upon many factors outside the control of the institute or any other agency set up to produce a planned economy; however, there are known factors that enter into the picture and, if these basic fundamentals are not ignored, a steady production of linseed oil for domestic needs can almost be assured to the United States. The year 1940 will find more call for linseed oil because of domestic demand for small residential building, a greater horizon because of the increased use of paint in the interior decoration of dwellings, and of course the improved heavy industry market because of war materials.

Walter F. Marks to Retire From National Lead May 1

Walter F. Marks, manager of the Milwaukee sales office for the National Lead Company, this city, will retire May 1, after forty-five years of service with the company. He was named manager of the Milwaukee office April 1, 1937.

Mr. Marks started with the National Lead Company in 1895 as a member of the Detroit office force. He was assigned to the Detroit sales staff in 1897-98, and for about eight years covered Michigan, Ohio and Indiana. In 1906 he was transferred to Milwaukee as branch office and warehouse manager as successor to his brother, Albert G. Marks, who had died. He is a former president of the Milwaukee Paint, Varnish and Lacquer Association, and served as a vice-president of the old National Paint, Oil and Varnish Association.

Charles W. Knapp, formerly affiliated with the Keystone Varnish Company, Brooklyn, has joined the Napko Paint & Varnish Works, Houston, Tex., as a partner in the firm with E. D. Konken.

Business Wants and Offers

Minimum rate (up to 36 words), without display, $2.00 per insertion; 25c for each additional 6 words
Payable in advance at 59 John Street, New York

Equipment Offered

FOR SALE:—One No. 10 Sweetland filter; four 7x5 ft. pebble mills; 9x24, 12x30 and 16x40-inch roller mills; 3x8 ft. rotary steam tube dryer; No. 30 Devine vacuum shelf dryer, 13 shelves; No. 00 Raymond mill; Gruendler 50 H.P. hammer mill; Ball & Jewell No. 1 rotary cutter; Stedman 42-inch disintegrator; W. & P. 9-gal. jacketed mixer; four 900-gal. closed, jack., agitated kettles; 32-inch copper basket centrifugal; 36-inch copper coating pan; jacketed, agitated vacuum stills; copper, aluminum, steel and glass-lined kettles and tanks; Hammer mills; crushers and pulverizers; tablet machines, ½ to 2 inch, single punch and rotary; filter presses to 36-in. sq.; iron mills; bottle fillers and washers. Only partial listing. Write for chemical bulletin No. 128 and pharm. bulletin No. 113. We buy your surplus machinery. Stein Equipment Corp., 426 Broome street, New York City.

PEBBLE MILLS, 36 by 42 inches, 30 by 30 inches, 6 by 8 feet silex lined; jar mills, 1 gal., 4 gal.; 15-gal. pony mixer. Lawler Engineering Co., Durham avenue and L. V. R. R., Metuchen, N. J.

FOR SALE:—Two 6x8 ft. pebble mills, 16x40 roller mills, 12x30 roller mills, 9x24 roller mills, 15 to 40-gallon pony mixers, lead mixers. Sell us your surplus equipment. Irving Barcan Company, 30 Church street, New York City.

FOR SALE: Several hundred secondhand galvanized full head opening bolt and ring bilge type Hackney drums. Open for firm offers. BOX 796, Oil, Paint and Drug Reporter.

Equipment Wanted

WANTED.—For chemical plant, filter press, jacketed kettle, vacuum dryer, powder mixer, pulverizer. BOX 793, Oil, Paint and Drug Reporter.

WANTED: One five gallon and one ten gallon capacity pebble mill. Send details and price. Farboil Paint Company, Inc., Key Highway & Montgomery street, Baltimore, Maryland.

Export Services

EXPORT SHIPMENTS financed for reliable parties. BOX 794, Oil, Paint and Drug Reporter.

Factories Offered

BRICK FACTORY, 75x100, one story, 18x20 feet headroom, concrete floor, sprinklers, railroad siding, live steam available 24 hours per day. Unrestricted district in Brooklyn. The R. L. Kraft Company, Woolworth Building. COrtlandt 7-9377.

Manufacturing Wanted

OLD, WELL-ESTABLISHED, financially strong company is interested in expanding its manufacture of bulk materials used by the pnarmaceutical, food and allied manufacturers. Such items may be in chemicals, in food ingredients, or products for technical use. The company possesses extensive manufacturing facilities and has capable technicians in its employ. It invites a response from chemists and other scientific men. Either employment, royalty basis, or purchase will be discussed where processes exist, based upon actual plant experience. Address replies in confidence to BOX 798, Oil, Paint and Drug Reporter.

Materials Wanted

MANUFACTURERS who have by-products at present going to waste can find a market for same if they will communicate with reliable concern that is experienced in such problems. BOX 792, Oil, Paint and Drug Reporter.

WANTED 2,000 pounds zylose technical grade made from cotton seed hulls or corn husks. Also wanted five tons sodium azide; 1,000 pounds zirconium napthenate; 100 pounds boron amorphous pure. BOX 799, Oil, Paint and Drug Reporter.

Positions Vacant

WELL ESTABLISHED, growing paint and varnish manufacturer, excellently situated east coast Florida has opening for experienced salesman, preferably 35-45 years of age, with executive possibilities, who has good personality and possesses modern business methods. Splendid opportunity for the applicant who is thoroughly acquainted with the marketing of a complete line of industrial paints, shelf goods. Though not essential, would consider investment of capital for part interest in business to applicant having proper qualifications. Applications will be kept in strictest confidence. BOX 785, Oil, Paint and Drug Reporter.

MAN wanted with wax or resin experience. BOX 795, Oil, Paint and Drug Reporter.

CHEMIST, at least 5 years experience matching samples and formulating industrial varnishes, enamels, synthetics and lacquers. Metropolitan district. State full particulars and salary expected. BOX 797, Oil, Paint and Drug Reporter.

Positions Wanted

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